

Product Name	Recombinant Human CypA (Cyclophilin A)/PPIA	SDS PAGE Gel 12 kDa 235 170 130 93 70 53 41 30 22 18 14 9 1-CYPA 2-MW Marker
Synonym(s)	Cyclophilin A, Peptidyl-prolyl cis-trans isomerase A, PPIase A, Rotamase A, Cyclosporin A-binding protein, PPIA, CypA	
Quantity	20 ug, 100 µg, 500 µg, 1 mg	
GenBank #	Y00052	
UniProt #	P62937.2 (1-165 a.a.)	
Molecular weight	17 kDa	
Purity	>95% by SDS-PAGE	
Tag	No tag	
Expression Source	<i>E. coli</i> (BL21)	
Application	Enzyme assays, binding studies, antibody validation, ELISA standards, structural studies, inhibitor screening	
Formulation	50 mM Tris (pH 8.0), 100 mM NaCl, 10% glycerol	
Storage	Store at -80°C. Avoid freeze-thaw cycles.	
Description	Cyclophilin A (CypA) is a cytosolic peptidyl-prolyl cis-trans isomerase (PPIase) that plays a pivotal role in protein folding, intracellular trafficking, and signaling. It is widely recognized for its high-affinity binding to the immunosuppressive drug cyclosporin A and its regulatory influence on immune responses. Emerging evidence also links CypA to the modulation of KRAS signaling pathways, making it a valuable target in cancer research. Recombinant CypA is available in high purity and is suitable for use in protein-protein interaction studies, enzymatic assays, and drug discovery, particularly in the context of oncogenic KRAS-driven cancers.	
Instructions for Use	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage.	

Related products:

<u>Product Name</u>	<u>Catalog #</u>	<u>Size</u>
Kras Wild Type (WT), GST-tag	5727-4121G	50 µg, 100 µg
Kras WT, GST-tag, GDP Loaded	5727-WTG-G	50 µg, 100 µg
Kras WT, GST-tag, GppNHp loaded	5727-WTG-GP	50 µg, 100 µg
Kras G12C, GST-tag	5727-4122G	50 µg, 100 µg
Kras G12C, GST-tag, GDP Loaded	5727-4122G -G	50 µg, 100 µg
Kras G12C, GST-tag, GppNHp loaded	5727-4122G -GP	50 µg, 100 µg
Kras G12D, GST-tag	5727-4123G	50 µg, 100 µg
Kras G12D, GST-tag, GDP Loaded	5727-4123G -G	50 µg, 100 µg
Kras G12D, GST-tag, GppNHp loaded	5727-4123G -GP	50 µg, 100 µg
Kras G12V, GST-tag,	5727-4128G	50 µg, 100 µg
Kras G12V, GST-tag, GDP Loaded	5727-4128G -G	50 µg, 100 µg

Kras G12V, GST-tag, GppNHp loaded	5727-4128G -GP	50 µg, 100 µg
Kras G13D, GST-tag	5727-4133G	50 µg, 100 µg
Kras G13D, GST-tag, GDP Loaded	5727-4133G -G	50 µg, 100 µg
Kras G13D, GST-tag, GppNHp loaded	5727-4133G -GP	50 µg, 100 µg
Kras Q61H, GST-tag	5727-7614G	50 µg, 100 µg
Kras Q61H, GST-tag, GDP Loaded	5727-7614G -G	50 µg, 100 µg
Kras Q61H, GST-tag, GppNHp loaded	5727-7614G -GP	50 µg, 100 µg
Kras Q61R, GST-tag	5727-7617G	50 µg, 100 µg
Kras Q61R, GST-tag, GDP Loaded	5727-7617G -G	50 µg, 100 µg
Kras Q61R, GST-tag, GppNHp loaded	5727-7617G -GP	50 µg, 100 µg
Human RBD-RAF1, N-His tag, C-FLAG tag	7237231	50 µg, 100 µg
Human SOS1, No tag	7671	50 µg, 100 µg
Human SOS1, Avi-His tag	7671HA	50 µg, 100 µg
Kras WT Nucleotide Exchange Assay Kit	5727-4121NK	384 reactions
Kras G12C Nucleotide Exchange Assay Kit	5727-4122NK	384 reactions
Kras G12D Nucleotide Exchange Assay Kit	5727-4123NK	384 reactions
Kras G12A Nucleotide Exchange Assay Kit	5727-412ANK	384 reactions
Kras G12V Nucleotide Exchange Assay Kit	5727-4128NK	384 reactions
Kras Q61H Nucleotide Exchange Assay Kit	5727-7614NK	384 reactions
Kras WT – cRAF Binding Assay Kit	5727-4121BK	384 reactions
Kras G12C – cRAF Binding Assay Kit	5727-4122BK	384 reactions
Kras G12C– cRAF Binding Assay Kit	5727-4123BK	384 reactions
Kras G12A– cRAF Binding Assay Kit	5727-412ABK	384 reactions
Kras G12V – cRAF Binding Assay Kit	5727-4128BK	384 reactions
Kras Q61R – cRAF Binding Assay Kit	5727-7617BK	384 reactions
Kras WT/cRAF/CYPA/Inhibitor Assay Kit	5727-4121CK	384 reactions
Kras G12C/cRAF/CYPA/Inhibitor Assay Kit	5727-4122CK	384 reactions
Kras G12D/cRAF/CYPA/Inhibitor Assay Kit	5727-4123CK	384 reactions
Kras G12V/cRAF/CYPA/Inhibitor Assay Kit	5727-4128CK	384 reactions
Kras G13D/cRAF/CYPA/Inhibitor Assay Kit	5727-4133CK	384 reactions
TEV Protease	190001-R	1,000 Units, 10,000 Units
TEV Protease-His	190001-R	50 ug, 200 ug, 1 mg
PreScission Protease (HRV 3C)	190002	1,000 units, 10,000 units
Recombinant SUMO Protease (Ulp1)	190003	1,000 units, 10,000 units
TEV Protease-GST	190004	50 ug, 200 ug, 1 mg
AiTEV™ Protease	190005-R	50 µg, 200 µg, 1 mg
Recombinant YopH	200100	10 ug, 20 ug, 100 ug, 1 mg
Recombinant Biotin Protein Ligase (BirA)	90101	100 ug
Recombinant SortaseA-5M	90201	50 ug
Recombinant Mouse Leukemia Inhibitory Factor	11-0001	10 ug, 100 ug
Recombinant Human LIF	12-0002	10 ug, 100 ug, 1 mg
Recombinant Human FGF-basic, Carrier-free	12-0005CFR	50 ug, 100 ug, 500 ug, 1 mg
DNA Polymerase Theta-N-Helicase Domain	7657643	20 ug, 100 ug
DNA Polymerase Theta-C terminal Domain	7657283	20 ug, 100 ug, 1 mg
Recombinant Human PD-1	23731	100 ug
Recombinant Human PD-L1	237351	100 ug
Recombinant Human Malic enzyme 3 (ME3)	180003	10 ug, 25 ug, 100 ug, 1 mg

Products are for research use only and are not intended for human use. We do not sell to patients.