

Product Name	Recombinant Human Full-length MST1	<p>SDS-PAGE gel</p> <p>kDa 1 2</p> <p>235</p> <p>170</p> <p>130</p> <p>93</p> <p>70</p> <p>53</p> <p>41</p> <p>30</p> <p>22</p> <p>18</p> <p>14</p> <p>9</p> <p>1- MW Marker 2- MST1</p>
Synonym(s)	Mammalian STE20-Like Protein Kinase, STK4, KRS2, YSK3, TIAC	
Quantity	50 ug, 1 mg	
Gen ID#	6789	
Molecular weight	85.6 kDa	
Purity	>95% by SDS-PAGE	
Tag	GST-tag	
Expression Source	Baculovirus (Insect Sf9 cells)	
Concentration	0.5 mg/ml	
Application	Kinase assays, ELISA, Western Blot.	
Formulation	0.25 mg/ml, 100 uM ATP, 5 mM MgCl ₂ , 50 mM Tris (pH 7.5), 150 mM, 0.25 mM EDTA, 0.01% Triton X-100, 2 mM DTT and 25% glycerol.	
Storage	Store at -80°C. Avoid freeze-thaw cycles.	
Description	Human MST1 is a stress-activated pro-apoptotic kinase, which upon activation induces chromatin condensation and internucleosomal DNA fragmentation. It is a key component of the Hippo signaling pathway which regulates organ size control and tumor suppression. Dysregulation of MST1 is linked to various cancers with poor prognosis. It therefore has proven potential to be a therapeutic target and diagnostic biomarker.	
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:

Catalog #	Product Name	Size
190001	TEV Protease-His	1,000 Units, 10,000 Units
190002	PreScission Protease (HRV 3C)	1,000 units, 10,000 units
190003	Recombinant SUMO Protease (Ulp1)	1,000 units, 10,000 units
190005	TEV Protease-AB	5 ug, 200 ug, 1 mg
200100	Recombinant YopH	10 ug, 20 ug, 100 ug, 1 mg
90101	Recombinant Biotin Protein Ligase (BirA)	100 ug
90201	Recombinant SortaseA-5M	50 ug
777627	Recombinant T7 RNA Polymerase	5,000. 25,000.100,000 Units

11-0001	Recombinant Mouse Leukemia Inhibitory Factor	10 ug, 100 ug, 1 mg
12-0002	Recombinant Human LIF	10 ug, 100 ug, 1 mg
12-0003	Recombinant Human EGF	20 ug, 100 ug, 1 mg
12-0004	Recombinant Human FGF-Acidic	50 µg, 100 µg, 1 mg
12-0005	Recombinant Human FGF-basic	50 ug, 100 ug, 500 ug, 1 mg
12-0008	Recombinant Human VEGF165	10 ug, 100 ug
12-0009	Recombinant Human MNK2	10 µg, 100 µg
12-0010	His-tagged Human eIF4E	50 µg, 100 µg
12-0014	Recombinant Human Sonic Hedgehog (SHH)	5 µg, 25 µg, 100 µg, 500 µg
7657643	DNA Polymerase Theta-N-Helicase Domain	20 ug, 100 ug
7657283	DNA Polymerase Theta-C terminal Domain	20 ug, 100 ug, 1 mg
5727-4121G	Kras Wild Type (WT), GST-tag	50 µg, 100 µg
5727-WTG-G	Kras WT, GST-tag, GDP Loaded	50 µg, 100 µg
5727-WTG-GP	Kras WT, GST-tag, GppNHp loaded	50 µg, 100 µg
5727-4122G	Kras G12C, GST-tag	50 µg, 100 µg
5727-4122G -G	Kras G12C, GST-tag, GDP Loaded	50 µg, 100 µg
5727-4122G -GP	Kras G12C, GST-tag, GppNHp loaded	50 µg, 100 µg
5727-4123G	Kras G12D, GST-tag	50 µg, 100 µg
5727-4123G -G	Kras G12D, GST-tag, GDP Loaded	50 µg, 100 µg
5727-4123G -GP	Kras G12D, GST-tag, GppNHp loaded	50 µg, 100 µg
5727-4133G	Kras G13D, GST-tag	50 µg, 100 µg
5727-4133G -G	Kras G13D, GST-tag, GDP Loaded	50 µg, 100 µg
5727-4133G -GP	Kras G13D, GST-tag, GppNHp loaded	50 µg, 100 µg
5727-4128G	Kras G12V, GST-tag,	50 µg, 100 µg
5727-4128G -G	Kras G12V, GST-tag, GDP Loaded	50 µg, 100 µg
5727-4128G -GP	Kras G12V, GST-tag, GppNHp loaded	50 µg, 100 µg
7671	Human SOS1, No Tag	50 µg, 100 µg
7237231	Human RBD-RAF1, N-His tag, C-FLAG tag	50 µg, 100 µg
728201	Recombinant SARS-CoV-2 Mpro, 3CL protease	50 ug, 500 ug
728251	Recombinant SARS-CoV-2 Papain-like Protease, CF	50 ug, 100 ug
728231	Recombinant SARS-CoV-2 Helicase (NSP13)	50 ug, 100 ug
728264	Recombinant SARS-CoV-2 NSP7	100 ug, 1mg
728265	Recombinant SARS-CoV-2 NSP8	100 ug, 1mg
225201	Recombinant Human BCL2	100 ug
C352E1	GST-CDK2: His-CyclinE1	10 ug, 100 ug
C352A2	GST-CDK2: His-CyclinA2	10 ug, 100 ug
180001	Recombinant Human Malic enzyme 1 (ME1)	10 ug, 25 ug, 100 ug, 1 mg
180002	Recombinant Human Malic enzyme 2 (ME2)	10 ug, 25 ug, 100 ug, 1 mg
180003	Recombinant Human Malic enzyme 3 (ME3)	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.