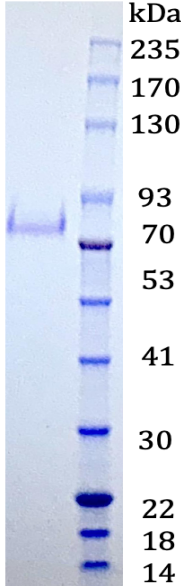


<b>Product Name</b>	Recombinant Cynomolgus Transferrin R/CD71 Protein	SDS-PAGE gel
<b>Synonym(s)</b>	CD71. Gene TFRC	1 2
<b>Quantity</b>	100 µg, 500 µg, 1.0 mg	
<b>Species</b>	Macaca fascicularis	
<b>Molecular weight</b>	77.2 kDa	
<b>Purity</b>	>95% by SDS-PAGE	
<b>Tag</b>	N-terminal 10×His tag	
<b>N-terminal sequence analysis</b>	Cys89	
<b>Expression Source</b>	ExpiCHO cell line	
<b>Uniprot Accession #</b>	A0A2K5X958	
<b>Application</b>	Recombinant protein characterization, ELISA, Western blot, crystallization studies.	
<b>Formulation</b>	PBS, pH7.4, 10% trehalose	
<b>Storage and Stability</b>	Stable for 18 months at -20 °C.	1 – Cyno Tfr1 2 – MW Marker
<b>Description</b>	Cynomolgus Monkey Transferrin Receptor 1 (Tfr1/CD71) is a type II transmembrane glycoprotein encoded by the TFRC gene and a key regulator of cellular iron uptake. Tfr1 binds transferrin-bound iron and mediates its internalization through receptor-mediated endocytosis, supporting cell growth, proliferation, and iron homeostasis. Due to its high sequence homology with human Tfr1, cynomolgus Tfr1 is widely used in cross-reactivity studies, antibody discovery, blood-brain barrier (BBB) shuttle development, and preclinical safety assessment of Tfr1-targeting therapeutics. This recombinant protein is suitable for antibody screening, binding characterization, epitope mapping, and translational research applications.	
<b>Reference</b>	Candelaria, P.V. et al. (2021) <i>Front. Immunol.</i> 12:607692. Rouault, T.A. (2013) <i>Nat. Rev. Neurosci.</i> 14:551–564. Gammella, E. et al. (2017) <i>Metallomics</i> 9:1367–1375.	

**Related products:**

TEV Protease-His	190001	1,000 Units, 10,000 Units
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	5 ug, 200 ug, 1 mg
TEV Protease-AB	190005	5 ug, 200 ug, 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, 200ug
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
DNA Polymerase Theta Full Length protein	7657385	10 ug, 50 ug
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
Human SOS1, No Tag	7671	50 µg, 100 µg
Human RBD-RAF1, N-His tag, C-FLAG tag	7237231	50 µg, 100 µg
Recombinant SARS-CoV-2 Mpro, 3CL protease	728201	50 ug, 500 ug
Recombinant SARS-CoV-2 Papain-like Protease, CF	728251	50 ug, 100 ug
Recombinant SARS-CoV-2 Helicase (NSP13)	728231	10 ug, 50 ug, 100 ug
Recombinant SARS-CoV-2 NSP7	728264	100 ug, 1mg
Recombinant SARS-CoV-2 NSP8	728265	100 ug, 1mg
Recombinant Human BCL2	225201	100 ug
GST-CDK2: His-CyclinE1	C352E1	10 ug, 100 ug
GST-CDK2: His-CyclinA2	C352A2	10 ug, 100 ug
Recombinant Human Malic enzyme 1 (ME1)	180001	10 ug, 25 ug, 100 ug, 1 mg
Recombinant Human Malic enzyme 2 (ME2)	180002	10 ug, 25 ug, 100 ug, 1 mg
Recombinant Human Malic enzyme 3 (ME3)	180003	10 ug, 25 ug, 100 ug, 1 mg
Recombinant Human PD-1	23731	100 ug
Recombinant Human PD-L1	237351	100 ug
Recombinant Human OX40	236940	100 ug
Recombinant Human OX40L	2369405	100 ug
Recombinant Human TfR1/CD71 Protein	48371	100 µg, 500 µg, 1.0 mg
Recombinant Human TfR1/CD71 Protein	483712	100 µg, 500 µg, 1.0 mg
Recombinant Cynomolgus TfR1/CD71 Protein	28371	100 µg, 500 µg, 1.0 mg

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