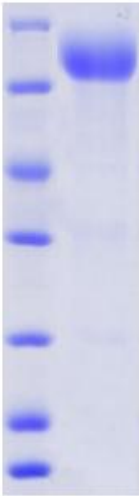


Product Name	Recombinant Human CD155	SDS-PAGE gel	
Synonym(s)	Poliovirus receptor; Nectin-like protein 5; NECL-5	1	2
Quantity	100 µg, 1 mg	KDa	M
Species	Human	116	
Class Type	Recombinant Protein	66.2	
Molecular weight	95-105 kDa (due to glycosylation); 61.8 kDa (predicted)	45.0	
Purity	>95% by SDS-PAGE and SEC-HPLC	35.0	
Tag	C-terminal human IgG1-Fc	25.0	
Expression Source	HEK 293 cells	18.4	
Uniprot #	P15151-1, a. a. 1-343	14.4	
Application	Western Blotting, Functional Studies		
Formulation	Lyophilized from sterile 50mM Tris, 100mM NaCl, 100mM Arg, pH 7.5.		
Storage and Stability	Stable for 12 months at -80°C, Avoid freeze/thaw cycles	1 – MW Marker 2 – CD155	
Description	CD155, also known as Poliovirus receptor (PVR), is a protein that in humans is encoded by the CD155 gene. It is a transmembrane protein that belongs to the immunoglobulin superfamily. CD155 is expressed on the surface of various normal tissues, including brain, placenta, lung, liver, kidney, and heart. It functions as a receptor for poliovirus, measles virus, and several other viruses that cause a disease in humans. Additionally, CD155 has an important role in the immune system, where it functions in the regulation of T cell activation and differentiation. Dysfunction of CD155 is associated with the pathology of many diseases, including viral infections, autoimmune disorders, and cancer.		
Reference	Molfetta, Rosa et al. <i>International journal of molecular sciences</i> vol. 21,3 922. 30 Jan. 2020. Oyama, Rintaro et al. <i>Oncology letters</i> vol. 23,5 (2022): 166. Gao, Jian et al. <i>Cancer science</i> vol. 108,10 (2017): 1934-1938. Bowers, Jonathan R et al. <i>Virus research</i> vol. 242 (2017): 1-6. Braun, Matthias et al. <i>Immunity</i> vol. 53,4 (2020): 805-823.e15. Chauvin, Joe-Marc et al. <i>Clinical cancer research : an official journal of the American Association for Cancer Research</i> vol. 26,20 (2020): 5520-5533.		

Related products:

Product Name	Catalog #	Size
Recombinant Human PD-L1	237351	100 ug
Recombinant Human CD40	232340	100 ug
Recombinant Human CD40L	2323405	100 ug
Recombinant Human CD70	232370	100 ug
Recombinant Human GITRL	2344875	100 ug

Recombinant Human OX40	236940	100 ug
Recombinant Human OX40L	2369405	100 ug
Recombinant Human SIRP-alpha	2374772	100 ug
DNA Polymerase Theta Activity Assay Kit	362101	96 reactions
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
T7 RNA polymerase	777627	5000 U, 25000U, 100000U
T7 High Yield RNA Synthesis Kit	777627-RK	25 rxns, 50 rxns, 100 rxns
Recombinant Mouse Leukemia Inhibitory Factor (mLIF)	11-0001	10 ug, 100 ug
Recombinant Human LIF	12-0002	10 ug, 100 ug, 1 mg
Recombinant Human LIF, Animal-Free	12-0002AFR	10 ug, 100 ug, 1 mg
Recombinant Human FGF-basic, Carrier-free	12-0005CFR	50 ug, 100 ug, 500 ug, 1 mg
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 G12C Nucleotide Exchange Assay Kit	5727-4122NK	384 reactions
Kras G12C – cRAF Binding Assay Kit	5727-4122BK	384 reactions
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, His-Avi-Tag	7671HA	50 µg, 100 µg

This product is for research use only and not for diagnostic or therapeutic use.