

Product Name	Recombinant Human PD-L1	<p>SDS-PAGE gel</p> <p>1 – MW Marker 2 – PDL1</p>
Synonym(s)	B7H1; Avelumab; Programmed cell death 1 ligand 1	
Quantity	100 µg	
Species	Human	
Class Type	Recombinant Protein	
Molecular weight	58 kDa (predicted), 70-75 kDa (observed)	
Purity	>90% by SDS-PAGE	
Tag	C-terminal 10x-histidine + IgG-Fc	
Expression Source	HEK 293 cells	
GenBank Accession #	NP_001134823.1, a. a. 1-239	
Application	Western Blotting, Functional Studies	
Formulation	PBS, pH7.4, 20% glycerol	
Storage and Stability	Stable for 12 months at -80°C, Avoid freeze/thaw cycles	
Description	<p>PD-L1 (Programmed death-ligand 1) protein is a transmembrane protein that is widely expressed in various tissues, including immune cells, epithelial cells, and tumor cells. It interacts with PD-1 (Programmed cell death protein 1) receptor on activated T cells to regulate the immune response and prevent autoimmunity. However, in some cases, its overexpression in tumor cells can lead to immune suppression, allowing such cells to evade tumor immunity. This makes it an attractive target for cancer immunotherapy, with multiple FDA-approved PD-L1 inhibitors currently available to treat various cancers.</p>	
Reference	<p>Keir, Mary E et al. <i>The Journal of experimental medicine</i> vol. 203,4 (2006): 883-95. Zitvogel, Laurence, and Guido Kroemer. <i>Oncoimmunology</i> vol. 1,8 (2012): 1223-1225. Cha, Jong-Ho et al. "Mechanisms Controlling PD-L1 Expression in Cancer." <i>Molecular cell</i> vol. 76,3 (2019): 359-370. Ai, Leilei et al. <i>Drug design, development and therapy</i> vol. 14 3625-3649. 8 Sep. 2020</p>	

Related products:

Product Name	Catalog #	Size
Recombinant Human CD40	232340	50 ug, 100 ug
Recombinant Human CD40L	2323405	50 ug, 100 ug
Recombinant Human CD70	232370	50 ug, 100 ug
Recombinant Human CD155	2323155	50 ug, 100 ug
Recombinant Human GITRL	2344875	50 ug, 100 ug
Recombinant Human OX40	236940	50 ug, 100 ug

Recombinant Human OX40L	2369405	50 ug, 100 ug
Recombinant Human SIRP-alpha	2374772	50 ug, 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
Recombinant SARS-CoV-2 Mpro, 3CL protease	728201	50 ug, 500 ug
SARS-CoV-2 Mpro (3CL Protease) Assay Kit	728203	96 reactions

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

Aurora Biolabs LLC, San Diego, CA 92121, USA; www.aurorabiolabs.com;

order@aurorabiolabs.com; info@aurorabiolabs.com Tel: 858-215-4510 or 858-453-5700 Fax: 855-898-3979