CD226 (Human) Recombinant Protein

Catalog # P9669 Size 20 ug

Specification

Product Description	Human CD226 (Q15762, 19 a.a. - 254 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSEEVLWHTSVPFAENMSLECVYPSMGILTQVEWFKIGTQQD SIAIFSPTHGMVIRKPYAERVYFLNSTMASNNMTLFFRNASEDDVGYYSCSLYTYPQGTWQKVIQVV QSDSFEAAVPSNSHIVSEPGKNVTLTCQPQMTWPVQAVRWEKIQPRQIDLLTYCNLVHGRNFTSK FPRQIVSNCSHGRWSVIVIPDVTVSDSGLYRCYLQASAGENETFVMRLTVAEGKTDNQYTLFVA
Host	Escherichia coli
Theoretical MW (kDa)	29.4
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (0.4 M Urea and 10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD226

Entrez GeneID	10666

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Protein Accession#	Q15762
Gene Name	CD226
Gene Alias	DNAM-1, DNAM1, PTA1, TLiSA1
Gene Description	CD226 molecule
Omim ID	605397
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. [provided by RefSeq
Other Designations	CD226 antigen|DNAX accessory molecule-1|T lineage-specific activation antigen 1 antigen|adhesion glycoprotein|platelet and T cell activation antigen 1

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Arthritis
- Autoimmune Diseases
- Churg-Strauss Syndrome
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Multiple Sclerosis
- Neoplasm Invasiveness
- Prostatic Neoplasms
- Psoriasis

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- Tobacco Use Disorder
- Wegener Granulomatosis

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