

**ARG70293**  
**Human CD226 recombinant protein (ECD) (Fc-His-tagged, C-ter)**Package: 100 µg  
Store at: -20°C

### Summary

Product Description	HEK293 expressed, Fc-His-tagged (C-ter) Human CD226 recombinant protein (ECD).
Tested Reactivity	Hu
Tested Application	Binding, SDS-PAGE
Target Name	CD226 (ECD)
Species	Human
A.A. Sequence	Glu19 - Asn247 of Human CD226 (NP_006557.2) with an Fc-6X His tag at the C-terminus.
Expression System	HEK293
Alternate Names	TLISA1; CD antigen CD226; PTA1; CD226 antigen; DNAM-1; DNAX accessory molecule 1; DNAM1

### Application Instructions

Application Note	Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human CD226 at 2µg/ml (100 µl/well) can bind Recombinant Human CD155 with a linear range of 0.3-1.2 µg/ml.
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### Properties

Form	Powder
Purification Note	0.22 µm filter sterilized. Endotoxin level is 90% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1 - 0.5 mg/ml in sterile distilled water.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	CD226
Gene Full Name	CD226 molecule
Background	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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Function	Involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T-lymphocyte (CTL) and NK cell (PubMed:8673704). Cell surface receptor for NECTIN2. Upon ligand binding, stimulates T-cell proliferation and cytokine production, including that of

IL2, IL5, IL10, IL13, and IFNG. Competes with PVRIG for NECTIN2-binding (PubMed:26755705). [UniProt]

Calculated Mw

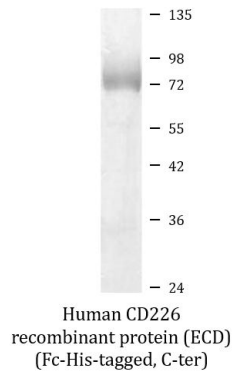
39 kDa

Cellular Localization

Cell membrane; Single-pass type I membrane protein. [UniProt]

## Images

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ARG70293 Human CD226 recombinant protein (ECD) (Fc-His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70293 Human CD226 recombinant protein (ECD) (Fc-His-tagged, C-ter).