

Recombinant Human DNAM-1/CD226 Protein

Catalog No.: RP02251 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 10666 | Q15762 |

Tags

C-mFc&His

Synonyms

CD226;DNAM-1;DNAM1;PTA1;TLISA1

Product Information

| Source | Purification |
|--------------|--------------------|
| HEK293 cells | > 95% by SDS-PAGE. |

Endotoxin

Formulation

Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 48 % trehalose is added as protectants before lyophilization.

Reconstitution

Reconstitute with deionized water

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.

Basic Information

Description

Recombinant Human DNAM-1/CD226 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (DNAM-1(Glu19-Asn247)&mFc(Pro99-Lys330)) of human CD226 (Accession #) fused with a Fc and His Tag at the C-terminal. .

Bio-Activity

ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human DNAM-1, mFc-His tagged protein can bind Human CD155, hFc Tagged protein in a linear range of 0.128-32.88 ng/mL.

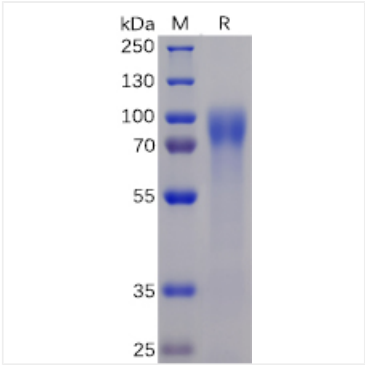
Storage

Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

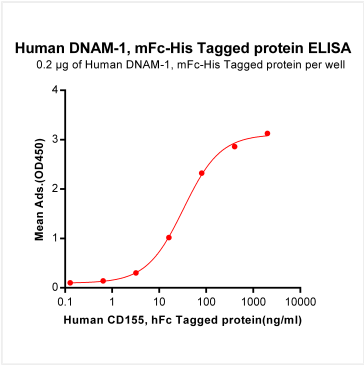
Contact

 | www.abclonal.com

Validation Data



Recombinant Human DNAM-1/CD226
Protein was determined by SDS-PAGE with
Coomassie Blue, showing bands at 53.5
kDa



ELISA plate pre-coated by 2 µg/ml (100
µl/well) Human DNAM-1, mFc-His tagged
protein can bind Human CD155, hFc
Tagged protein in a linear range of
0.128-32.88 ng/ml.