

# Human CD226/DNAM-1 (His Tag) recombinant protein



Catalog Number: 500550

## General Information

### Gene Name Synonym

DNAX accessory molecule 1

### Protein Construction

A DNA sequence encoding the human DNAM1 (NP\_006557.2) extracellular domain (Met 1-Asn 247) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized human CD226 at 2 µg/ml (100 µl/well) can bind human CD112 with a linear ranger of 6.4-800 ng/ml.

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Glu 19

## Molecular Mass

The recombinant human DNAM1 comprises 240 amino acids and has a predicted molecular mass of 27.6 kDa. As a result of glycosylation, rh DNAM1 migrates with an apparent molecular mass of 40-50 kDa in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

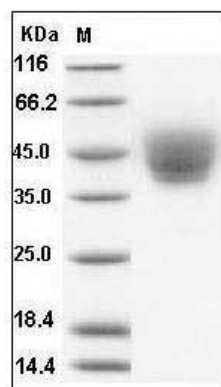
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Human CD226 / DNAM-1 Protein (His Tag) SDS-PAGE