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Datasheet for ABIN7505712

CD96 Protein (CD96) (AA 1-519) (His tag)

Overview

Quantity:	100 µg
Target:	CD96
Protein Characteristics:	AA 1-519
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD96 protein is labelled with His tag.

Product Details

Sequence:	Met1-Met519
Characteristics:	A DNA sequence encoding the Human CD96 protein (P40200) (Met1-Met519) was expressed with a C-His.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CD96
Alternative Name:	CD96 (CD96 Products)
Background:	Abbreviation: CD96 Target Synonym: T-cell surface protein tactile,Cell surface antigen CD96,T cell-activated increased late expression protein,CD96 Background: The cluster of differentiation (CD) system is commonly used as cell markers in

Target Details

immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. The CD155 ligand CD96 is a member of the Ig superfamily. It's a immunoglobulin-like protein tentatively allocated to the repertoire of human NK receptors. NK cells recognize poliovirus receptor (PVR), anectins and nectin-like protein family member serve to mediate cell-cell adhesion, cell migration, with the presence of an additional receptor, CD96. CD96 promotes NK cell adhesion to target cells expressing PVR, stimulates cytotoxicity of activated NK cells, and mediates acquisition of PVR from target cells.

Molecular Weight:	Calculated MW: 56.98 kDa Observed MW: 58 kDa
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UniProt:	P40200
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Expiry Date:	12 months
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