

Recombinant Human CD96 protein (His tag)

Catalog Number:PDMH100149



Note: Centrifuge before opening to ensure complete recovery of vial contents.

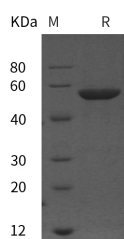
Description

Synonyms	T-cell surface protein tactile;Cell surface antigen CD96;T cell-activated increased late expression protein;CD96
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Met519
Accession	P40200
Calculated Molecular Weight	57.0 kDa
Observed molecular weight	58 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

The cluster of differentiation (CD) system is commonly used as cell markers in 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.

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