

Recombinant Human CD96 Protein (mFc Tag)

Catalog No. PKSH033504

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

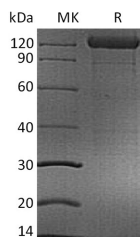
Description

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	Val22-Met503
Accession	P40200-2
Calculated Molecular Weight	80.1 kDa
Observed molecular weight	120 kDa
Tag	C-mFc
Bioactivity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
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 a 0.2 µm filtered solution of 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



> 90 % as determined by reducing SDS-PAGE.

Background

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

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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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Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017