Recombinant Human LMIR2/CD300C Protein (His Tag)

Catalog No. PKSH030989

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

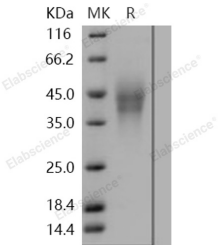
Description

Synonyms	CMRF35-Like Molecule 6;CLM-6;CD300 Antigen-Like Family Member C;CMRF35-A1;CMRF-35;Immunoglobulin Superfamily Member 16;IgSF16;CD300c;CD300C;CMRF35;CMRF35A;CMRF35A1;IGSF16
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Arg 183
Accession	NP_006669.1
Calculated Molecular Weight	18.4 kDa
Observed molecular weight	40-45 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % 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℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
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The cluster of differentiation (CD) system is commonly used as cell markers in immunophynotyping. 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. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD300 is a glycoprotein family of cell surface molecules that regulate a diverse array of cell processes via their triggering and inhibitory receptor functions. The CD300 family of myeloid immunoglobulin receptors includes activating(CD300b, CD300e) and inhibitory members(CD300a, CD300f), as well as CD300c and CD300d, whose function is uncertain.

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