

Recombinant Human CD150/SLAMF1 Protein (His Tag)

Catalog No. PKSH033526

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

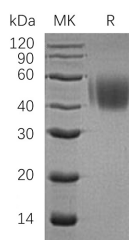
Description

Synonyms	Signaling Lymphocytic Activation Molecule;CDw150;IPO-3;CD150;SLAMF1;SLAM
Species	Human
Expression Host	HEK293 Cells
Sequence	Ala21-Pro237
Accession	Q13291
Calculated Molecular Weight	25.3 kDa
Observed molecular weight	38-60 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°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 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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

SLAM-induced signal-transduction events in T-lymphocytes are different from those in B-cells. Two modes of SLAM

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signaling are likely to exist: one in which the inhibitor SH2D1A acts as a negative regulator and another in which protein-tyrosine phosphatase 2C (PTPN11)-dependent signal transduction operates.