



Recombinant Protein Technical Manual
Recombinant Human CD150/SLAMF1 Protein (His
Tag)
RPES4913

Product Data:

Product SKU: RPES4913

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q13291

Protein Information:

Molecular Mass: 25.33 kDa

AP Molecular Mass: 46 kDa

Tag: C-His

Bio-activity:

Purity: > 95% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°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.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Signaling Lymphocytic Activation Molecule; CDw150; IPO-3; CD150; SLAMF1; SLAM

Immunogen Information:

Sequence: Ala21-Pro237

Background:

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