Recombinant Human LILRA6/ILT-8/CD85b Protein

Catalog No.: RP01453

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Sequence Information

Species
Human

Gene ID
79168

Swiss Prot
Q6PI73

Tags
C-His&Avi

Synonyms
ILT5,ILT8,CD85b,ILT-8,LILRB3, LILRB6,LILRA6

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
48.98 kDa

Observed MW
65-75 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The LILRs are a family of receptors that regulate the activities of myelomonocytic cells. LILRB3 and LILRA6 represent a pair of inhibitory /activating receptors with identical extracellular domains and unknown ligands. LILRB3 (ILT5) and LILRA6 (ILT8) are highly polymorphic receptors with similar extracellular domains. LILRA6 can signal through association with an activating adaptor molecule, FcRγ, which bears a cytoplasmic tail with an immunoreceptor tyrosine-based activation motif. Analysis of mRNA expression in the major fractions of PBMCs showed that LILRA6 is primarily expressed in monocytes, and its expression level correlates with copy number of the gene.

Basic Information

Description
Recombinant Human LILRA6/ILT-8/CD85b Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly24-Asn447) of human LILRA6/CD85b/ILT8 (Accession #CCDS42610.1) fused with a 6×His， Avi tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

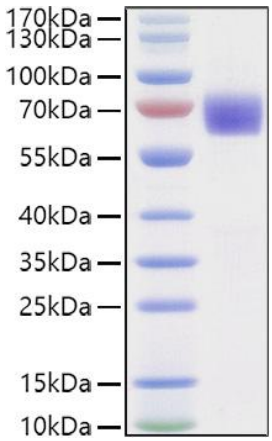
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human LILRA6/ILT-8/CD85b Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.