

PRODUCT INFORMATION

LILRB5 **Target**

Synonyms LIR8;CD85C;LIR-8

Recombinant Human LILRB5 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** 075023 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Background

LILRB5(Gly24-Gly458) 6×His tag Characterization

The protein has a predicted molecular mass of

48.1 kDa after removal of the signal peptide. The apparent molecular mass of LILRB5-His is **Molecular Weight**

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature. This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which

is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to

four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). Several other LIR

subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated







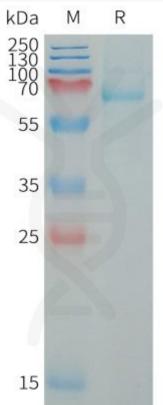


Figure 1.Human LILRB5 Protein, His Tag on SDS-PAGE under reducing condition.

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