

PRODUCT INFORMATION

Target LILRB1

ILT2; LIR1; MIR7; PIRB; CD85J; ILT-2; LIR-1; MIR-7; **Synonyms**

PIR-B

Recombinant human LILRB1 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q8NHL6 **Expression Host HEK293** Tag C-6×His tag

Molecular

Storage & Shipping

Purity

LILRB1(Gly24-His458) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 48.1 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

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

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). The receptor is

Background expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and

transduces a negative signal that inhibits stimulation of an immune response. It is thought

to control inflammatory responses and

cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul

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Usage Research use only Conjugate Unconjugated



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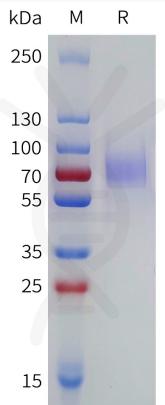


Figure 1. Human LILRB1 Protein, His Tag on SDS-PAGE under reducing condition.

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