

PRODUCT INFORMATION

LILRB4 **Target**

Synonyms CD85K;HM18;ILT3;LIR-5;LIR5

Recombinant Human LILRB4 Protein with C-Description

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q8NHJ6 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Background

LILRB4(Gln22-Glu259) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight**

52.4 kDa after removal of the signal peptide. The apparent molecular mass of LILRB4-hFc is approximately 55-70 kDa due to glycosylation.

The purity of the protein is greater than 95% 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). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and

transduces a negative signal that inhibits

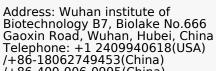
stimulation of an immune response. The receptor can also function in antigen capture and presentation. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity.

Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

> Email: info@dimabio.com Website: www.dimabio.com

Research use only

Usage Conjugate Unconjugated



/+86-400-006-0995(China)



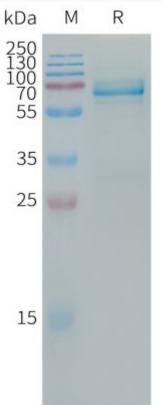


Figure 1.Human LILRB4 Protein, hFc Tag on SDS-PAGE under reducing condition.

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