PRODUCT INFORMATION

Target	LILRB5
Synonyms	LIR8;CD85C;LIR-8
Description	Recombinant Human LILRB5 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O75023
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	LILRB5(Gly24-Gly458) 6×His tag
Molecular Weight	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 approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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

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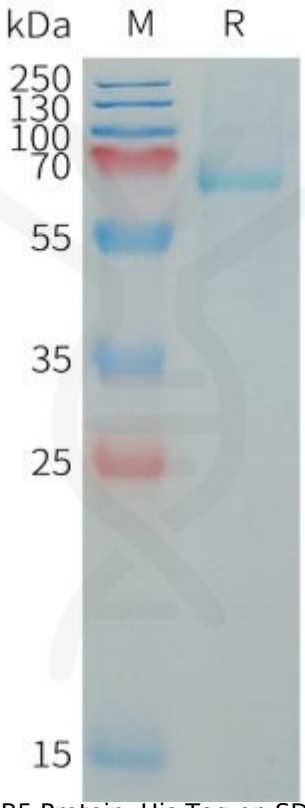


Figure 1.Human LILRB5 Protein, His Tag on SDS-PAGE under reducing condition.

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