HUMAN LILRB5 PROTEIN, HIS TAG

Cat.#: 11983

Product Name: Human LILRB5 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: LIR8;CD85C;LIR-8

Target: LILRB5

UNIPROT ID: O75023

Description: Recombinant Human LILRB5 Protein with C-terminal 6xHis tag

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]

Species/Host: HEK293

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.

Molecular Characterization: LILRB5(Gly24-Gly458) 6×His tag

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

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

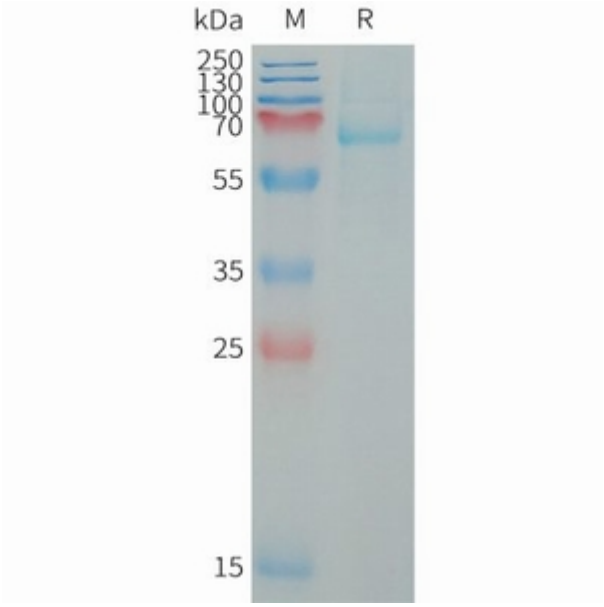

Figure 1.Human LILRB5 Protein, His Tag on SDS-PAGE under reducing condition.