HUMAN LILRA2 PROTEIN, HIS TAG

Cat.#: 11982

Product Name: Human LILRA2 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: ILT1;LIR7;CD85H;LIR-7

Target: LILRA2

UNIPROT ID: Q8N149

Description: Recombinant Human LILRA2 Protein with C-terminal 6xHis tag

Background: This gene encodes a member of a family of immunoreceptors that are expressed predominantly on monocytes and B cells, and at lower levels on dendritic cells and natural killer cells. The encoded protein is an activating receptor that inhibits dendritic cell differentiation and antigen presentation and suppresses innate immune response. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and there is a pseudogene for this gene on chromosome 3. [provided by RefSeq, Mar 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 47.8 kDa after removal of the signal peptide. The apparent molecular mass of LILRA2-His is approximately 55-100 kDa due to glycosylation.

Molecular Characterization: LILRA2(Gly24-Asn449) 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.

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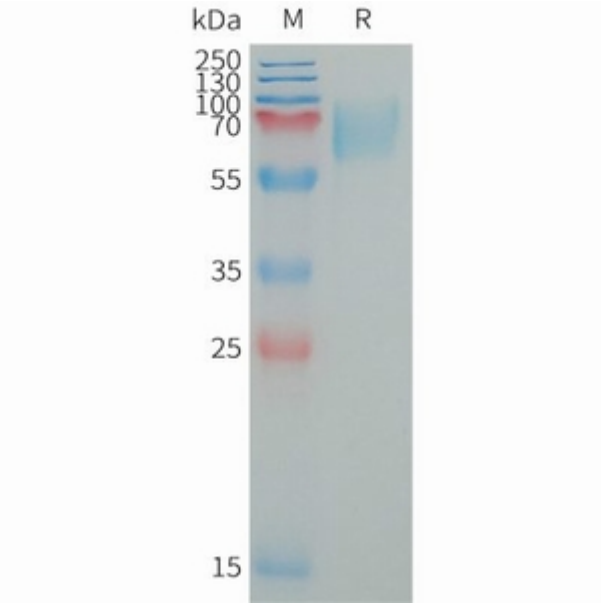

Figure 1.Human LILRA2 Protein, His Tag on SDS-PAGE under reducing condition.

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