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32-17872: Recombinant Human LILRB2 Protein, His Tag

Uniprot ID : Q8N423
Alternative Name : LIR-2, ILT-4, MIR-10, CD85d

Description

Molecular Characterization: LILRB2(Gln22-Val461) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 48.6 kDa after removal of the signal peptide. The apparent molecular mass of LILRB2-His is approximately 55-70kDa due to glycosylation.
Description: Recombinant human LILRB2 protein with C-terminal 6Ã—His tag
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. 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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.