

32-18307: Human LILRB5 Protein, His Tag

Uniprot ID : O75023

Alternative Name : LIR8;CD85C;LIR-8

Description

Description : Recombinant Human LILRB5 Protein with C-terminal 6 \times His 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.

Molecular Characterization: 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.

Tag : C-6 \times His Tag

Product Info

Amount : 50 μ g / 100 μ g

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

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.

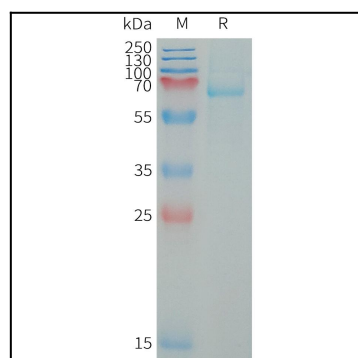


Figure 1. Human LILRB5 Protein, His Tag on SDS-PAGE under reducing condition.