

PRODUCT INFORMATION

Target LILRA5

CD85;CD85F;ILT-11;ILT11;LILRB7;LIR-9;LIR9 **Synonyms**

Recombinant human LILRA5 protein with C-**Description**

terminal human Fc tag Under development

Uniprot ID A6NI73 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Delivery

Purity

Background

LILRA5 (Gly42-R268) hFc(Glu99-ALA330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 50.49 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory

cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]

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Research use only Usage

Conjugate Unconjugated

