PRODUCT INFORMATION

Target	LILRA5
Synonyms	CD85;CD85F;ILT-11;ILT11;LILRB7;LIR-9;LIR9
Description	Recombinant human LILRA5 protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	A6NI73
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	LILRA5 (Gly42-R268) hFc(Glu99-ALA330)
Molecular Weight	The protein has a predicted molecular mass of 50.49 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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