

Recombinant Human LILRA3 protein, His & T7-tagged

Cat. No. LILRA3-6894H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LILRA3 aa. (Val219~Gly438 (Accession # Q8N6C8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val219~Gly438
Description	This gene encodes a member of a family of immunoreceptors that are expressed predominantly in monocytes and B cells, and at lower levels in dendritic cells and natural killer cells. The encoded protein lacks the transmembrane region found in other members of this family. It acts as a soluble receptor for class I major histocompatibility complex (MHC) antigens. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and is polymorphic in human populations, with many individuals containing a deletion of this genomic region.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.0kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 9.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	LILRA3 leukocyte immunoglobulin like receptor A3 [Homo sapiens (human)]
Official Symbol	LILRA3
Synonyms	HM31; HM43; ILT6; LIR4; CD85E; ILT-6; LIR-4; CD85 antigen-like family member E; immunoglobulin-like transcript 6; leucocyte Ig-like receptor A3; leukocyte immunoglobulin-like receptor 4; leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3; monocyte inhibitory receptor HM43/HM31; leukocyte immunoglobulin-like receptor subfamily A member 3
Gene ID	11026

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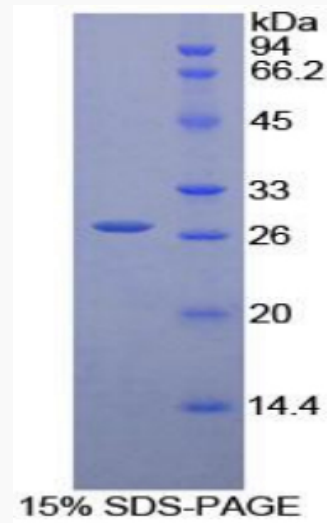
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mRNA Refseq [NM_001172654.2](#)

Protein Refseq [NP_001166125.1](#)

UniProt ID [Q8N6C8](#)

SDS-PAGE



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