

Recombinant Human LILRA3 Protein, HIS-tagged

Cat. No. LILRA3-148H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LILRA3 fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH7.4
Molecular Mass	46.6kD
AA Sequence	THVQAGPLPKPTLWAEPGSVITQGSPVTLRCQGSLETQEYHLYREKKTALWITRIPQ ELVKKGGQFPILSITWEHAGRYCCYGSHTVGLSESSDPLELVVTGAYSKPTLSALPSP VVTSGGNVTIQCDSSQVAFDGFILCKEGEDHPQCLNSHSHARGSSRAIFSVGPVSP SRRWSYRCYGYDSRAPYVWSLPSDLLGLLVPGVSKKPSLSVQPGPVVAPGEKLT FCGSDAGYDRFVLYKEWGRDFLQRPGRQPQAGLSQANFTLGPVSRSYGGQYTCS

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GAYNLSSEWSAPSDPLDILITGQIRARPFLSVRPGPTVASGENVTLLCQSQGGMHTF
LLTKEGAADSPRLRLKSKRQSHKYQAEFPMSPVTSAHAGTYRCYGSLSNPYLLTHP
SDPLELVVSGAAETLSPPQNKSDSKAGEVDHHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name LILRA3 leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3 [Homo sapiens]

Official Symbol LILRA3

Synonyms LILRA3; leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3; leukocyte immunoglobulin-like receptor subfamily A member 3; CD85e; HM31; HM43; ILT6; LIR 4; LIR4; ILT-6; immunoglobulin-like transcript 6; CD85 antigen-like family member E; leucocyte immunoglobulin-like receptor; monocyte inhibitory receptor HM43/HM31; leukocyte immunoglobulin-like receptor 4; leukocyte immunoglobulin-like receptor A3; e3; CD85E; LIR-4;

Gene ID 11026

mRNA Refseq NM_001172654

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Protein Refseq	NP_001166125
MIM	604818
UniProt ID	Q8N6C8

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