

Recombinant Human LILRA3 Protein, Fc-tagged

Cat. No. LILRA3-352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LILRA3 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	439
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
Molecular Mass	71.7 kDa
AA Sequence	MTPILTVLICLGLSLDPRTHVQAGPLPKPTLWAEPGSVITQGSPVTLRCQGSLETQEY HLYREKKTALWITRIPQELVKKGQFPILSITWEHAGRYCCIIYGSHTAGLSESSDPLEL VVTGAYSKPTLSALPSPVVTSGGNVTIQCDSQVAFDGFILCKEGEDEHPQCLNSHSH ARGSSRAIFSVGPVSPSRRWSYRCYGYDSRAPYVWSLPSDLLGLLVPGVSKKPSLS

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VQPGPVVAPGEKLTFCGSDAGYDRFVLYKEWGRDFLQRPGRQPQAGLSQANFTL
 GPVRSYGGQYTCSGAYNLSSEWSAPSDPLDILITGQIRARPFLSVRPGPTVASGEN
 VTLLCQSQGGMHTFLLTKEGAADSPLRLKSKRQSHKYQAEFPMSPV TSAHAGTYRC
 YGSLSSNPYLLTHPSDPLELVSGAAETLSPPQNKSDSKAGE

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

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

Official Symbol LILRA3

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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
Protein Refseq	NP_001166125
MIM	604818
UniProt ID	Q8N6C8