

## Recombinant Human LILRA3 Protein, HIS-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LILRA3 fused with His tag at C-terminal was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH7.4
<b>Molecular Mass</b>	46.6kD
<b>AA Sequence</b>	<p>THVQAGPLPKPTLWAEPGSVITQGSPVTLRCQGSLETQEYHLYREKKTALWITRIPQ            ELVKKGQFPILSITWEHAGRYCCIIYGSHTVGLSESSDPLELVVTGAYSKPTLSALPSP            VVTSGGNVTIQCDSQVAFDGFILCKEGEDHPQCLNSHSHARGSSRAIFSVGPVSP            SRRWSYRCYGYDSRAPYVWSLPSDLLGLLVPGVSKKPSLSVQPGPVVAPGEKLT            FQCGSDAGYDRFVLYKEWGRDFLQRPGRQPQAGLSQANFTLGPVSRSYGGQYTCS</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GAYNLSSEWSAPSDPLDILITGQIRARPFSLVSRPGPTVASGENVTLLCQSQGGMHTF  
 LLTKEGAADSPRLRLKSKRQSHKYQAEFPMSPV TSAHAGTYRCYGLSSNPYLLTHP  
 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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