

Recombinant Human LILRA3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LILRA3-6698H Lot. No. (See product label)

SPECIFICATION

Product Overview

LILRA3 MS Standard C13 and N15-labeled recombinant protein (NP_006856) with a C-terminal MYC/DDK tag, 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.

Molecular Mass

47.5 kDa

AA Sequence

MTSILTVLICLGLSLDPRTHVQAGPLPKPTLWAEPGSVITQGSPVTLRCQGSLETQEY
 HLYREKKTALWITRIPQELVKKGQFPILSITWEHAGRYCCIIYGSHTVGLSESSDPLEL
 VVTGAYSKPTLSALPSPVVTSGGNVTIQCDSQVAFDGFILCKEGEDEHPQCLNSHSH
 ARGSSRAIFSVGPVSPSRRWSYRCYGYDSRAPYVWVSLPSDLLGLLVPGVSKKPSLS
 VQPGPVVAPGEKLTFCGSDAGYDRFVLYKEWGRDFLQRPGRQPQAGLSQANFTL

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GPVRSYGGQYTCSGAYNLSSEWSAPSDPLDILITGQIRARPFLSVRPGPTVASGEN
 VTLLCQSQQGMHTFLLTKEGAADSPLRLKSKRQSHKYQAEFPMSPV TSAHAGTYRC
 YGSLSSNPYLLTHPSDPLELVVSGAAETLSPPQNKSDSKAGETRTRPLEQKLISEED
 LAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name LILRA3 leukocyte immunoglobulin like receptor A3 [Homo sapiens (human)]

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

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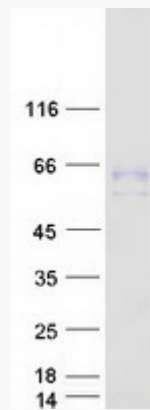
mRNA Refseq [NM_006865](#)

Protein Refseq [NP_006856](#)

MIM [604818](#)

UniProt ID [Q8N6C8](#)

SDS-PAGE



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