Recombinant Human LILRA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LILRA1-1820H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LILRA1 MS Standard C13 and N15-labeled recombinant protein (NP_006854) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an activating member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein is predominantly expressed in B cells, interacts with major histocompatibility complex class I ligands, and contributes to the regulation of immune responses. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	53.3 kDa
AA Sequence	MTPIVTVLICLRLSLGPRTHVQAGTLPKPTLWAEPGSVITQGSPVTLWCQGILETQEY RLYREKKTAPWITRIPQEIVKKGQFPIPSITWEHTGRYRCFYGSHTAGWSEPSDPLEL VVTGAYIKPTLSALPSPVVTSGGNVTLHCVSQVAFGSFILCKEGEDEHPQCLNSQPR THGWSRAIFSVGPVSPSRRWSYRCYAYDSNSPHVWSLPSDLLELLVLGVSKKPSLS VQPGPIVAPGESLTLQCVSDVSYDRFVLYKEGERDFLQLPGPQPQAGLSQANFTLG PVSRSYGGQYRCSGAYNLSSEWSAPSDPLDILIAGQFRGRPFISVHPGPTVASGEN VTLLCQSWGPFHTFLLTKAGAADAPLRLRSIHEYPKYQAEFPMSPVTSAHSGTYRCY

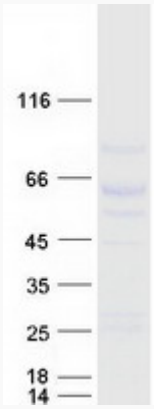
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	GSLSSNPYLLSHPSDSLELMVSGAAETLSPPQNKSDSKAGAANTLSPSQNKTASHPQDYTVENLIRMGIAGLVLVVLGILLFEAQHSQRSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under 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	LILRA1 leukocyte immunoglobulin like receptor A1 [Homo sapiens (human)]
Official Symbol	LILRA1
Synonyms	LILRA1; leukocyte immunoglobulin like receptor A1; LIR6; CD85I; LIR-6; leukocyte immunoglobulin-like receptor subfamily A member 1; CD85 antigen-like family member I; leucocyte Ig-like receptor A1; leukocyte immunoglobulin-like receptor 6; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1
Gene ID	11024
mRNA Refseq	NM_006863
Protein Refseq	NP_006854

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MIM	604810
UniProt ID	O75019
SDS-PAGE	

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