

Recombinant Full Length Human LILRA1 Protein, C-Flag-tagged

Cat. No. LILRA1-1117HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LILRA1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	53.1 kDa
AA Sequence	MTPIVTVLICLRSLGPRTHVQAGTLPKPTLWAEPGSVITQGSPVTLWCQGILETQEY RLYREKKTAPWI TRIPQEIVKKGQFPISITWEHTGRYRCFYGSHTAGWSEPSDPLE LVVTGAYIKPTLSALPSPVVTSGGN VTLHCVSQVAFGSFILCKEGEDEHPQCLNSQP RTHGWSRAIFSVGPVSPSRRWVSRYCYAYDSNSPHVWSL PSDLLELLVLGVSKKPS LSVQPGPIVAPGESLTLCVSDVSYDRFVLYKEGERDFLQLPGPQPQAGLSQA NFT LGPVSRSYGGQYRCSGAYNLSSEWSAPSDPLDILIAGQFRGRPFISVHPGPTVASG

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ENVTLQCQSWG PFHTFLLTKAGAADAPLRLRSIHEYPKYQAEFPMSPVTSAHSGTY
RCYGSLSSNPYLLSHPSDSLELMVS GAAETLSPQNKSDSKAGAANTLSPSQNKTA
SHPQDYTVENLIRMGIAGLVVLVVGILLFEAQHSQRSLTRTRPLEQKLISEEDLAANDI
LDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	LILRA1 leukocyte immunoglobulin like receptor A1 [Homo sapiens (human)]
Official Symbol	LILRA1
Synonyms	LIR6; CD85I; LIR-6
Gene ID	11024
mRNA Refseq	NM_006863.4

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Protein Refseq [NP_006854.1](#)

MIM [604810](#)

UniProt ID [O75019](#)



Coomassie blue staining of purified LILRA1 protein.

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