

Product datasheet for PH319949

LILRB1 (NM_006669) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LILRB1 MS Standard C13 and N15-labeled recombinant protein (NP_006660)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219949
Predicted MW:	70.8 kDa
Protein Sequence:	>RC219949 protein sequence Red=Cloning site Green=Tags(s)

MTPILTVL ICLGLSLGPRTHVQAGHLPKPTLWAEPGSVITQGSPVTLRCQGGQETQEYRLYREKKTAPWI
TRIPQELVKKGGFPPIPSITWEHAGRYRCYYGSDTAGRSESSDPLELVVTGAYIKPTLSAQSPVNVSSGGN
VTLQCDSQVAFDGFILCKEGEDEHPQCLNSQPHARGSSRAIFSVGPVSPSRRWWYRCYAYDSNSPYEWSL
PSDLLELLVLGVSKKPSLSVQPGPIVAPEETLTLQCGSDAGYNRFVLKDGGERDFQLAGAQPQAGLSQA
NFTLGPVSRSYGGQYRCYGAHNLSEWSAPSDPLDIL IAGQFYDRVSLSVQPGPTVASGENVTLLCQSQG
WMQTFLLTKEGAADDPWRLRSTYQSQKYQAEFPMGPVTSAHAGTYRCYGSQSSKPYLLTHPSDPLELVVS
GPSGGPSSPTTGPTSTSGPEDQPLTPTGSDPQSGLGRHLGVVIGILVAVILLLLLLLLLLFLILRHRROGK
HWTSTQRKADFQHPAGAVGPEPTDRGLQWRSSPAADAQEENLYAAVKHTQPEDGVEMDTRSPHDEDQPQAV
TYAEVKHSRPRREMASPPSPLSGEFLDTKDRQAEEDRQMDTEAAASEAPQDVTYAQLHSLTLRRKATEPP
PSQEGSPAVPSIYATLAIH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006660
RefSeq Size:	3229



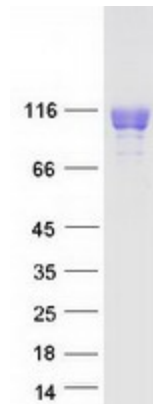
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RefSeq ORF:	1950
Synonyms:	CD85J; ILT-2; ILT2; LIR-1; LIR1; MIR-7; MIR7; PIR-B; PIRB
Locus ID:	10859
UniProt ID:	Q8NHL6 , A0A0B4J1W1
Cytogenetics:	19q13.42

Summary: This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified LILRB1 protein (Cat# [TP319949]). The protein was produced from HEK293T cells transfected with LILRB1 cDNA clone (Cat# [RC219949]) using MegaTran 2.0 (Cat# [TT210002]).