

Product datasheet for PH317935

LILRB2 (NM_001080978) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LILRB2 MS Standard C13 and N15-labeled recombinant protein (NP_001074447)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217935
Predicted MW:	65 kDa
Protein Sequence:	>RC217935 protein sequence Red=Cloning site Green=Tags(s)

MTPIVTVLICLGLSLGPRTHVQTGTIPKPTLWAEPSVITQGSPVTLSCQGSLEAQEYRLYREKKSASWI
TRIRPELVKNGQFHIPSITWEHTGRYGCQYYSRARWSELSDPLVLVMTGAYPKPTLSAQSPVVTSGGRV
TLQCESQVAFGGFILCKEGEDEHPQCLNSQPHARGSSRAIFSVGPVSPNRRWSHRCYGYDLNSPYVWSSP
SDLLELLVPGVSKKPSLSVQPGPVVAPGESLTLQCVSDVGYDRFVLYKEGERDLRQLPGRQPQAGLSQAN
FTLGPVSRSYGGQYRCYGAYNLSSEWSAPSDPLDILITGQIHGTPFISVQPGPTVASGENVTLLCQSWRQ
FHTFLLTKAGAADAPLRLRSIHEYPKYQAEFPMSPVSAHAGTYRCYGLNSDPYLLSHPSEPLELVVSG
PSMGSSPPPTGPISTPAGPEDQPLTPTGSDPQSGLGRHLGVVIGILVAVVLLLLLLLLLFLILRHRROGK
HWTSTQRKADFQHPAGAVGPEPTDRGLQWRSSPAADAQEENLYAAVKDTQPEDGVEMDTRAAASEAPQDV
TYAQLHSLTLRRKATEPPPSQEGEPPAEPSTIYATLAIH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_001074447
RefSeq Size:	2937
RefSeq ORF:	1794



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Synonyms: CD85D; ILT-4; ILT4; LIR-2; LIR2; MIR-10; MIR10

Locus ID: 10288

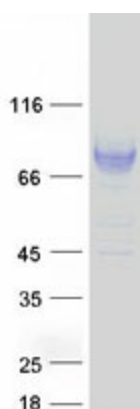
UniProt ID: [A2IXV5](#)

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 LILRB2 protein (Cat# [TP317935]). The protein was produced from HEK293T cells transfected with LILRB2 cDNA clone (Cat# [RC217935]) using MegaTran 2.0 (Cat# [TT210002]).