

Product datasheet for PH306439

LAIR1 (NM_002287) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LAIR1 MS Standard C13 and N15-labeled recombinant protein (NP_002278)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206439
Predicted MW:	31.4 kDa
Protein Sequence:	>RC206439 protein sequence Red=Cloning site Green=Tags(s) MSPHPTALLGLVLCLAQTIHTQEEDLPRPSISAEPGTVIPLGSHVTFVCRGPVGVQTFRLERESRSTYND TEDVSYQASPESEARFRIDSVSEGNAGPYRCIYYKPPKWEQSDYLELLVKETSGGPDSPDTEPGSSAGP TQRPSDNSHNEHAPASQGLKAEHLIYILIGVSVVFLFCLLLLVLFLHRQNIKQGPPRSKDEEQKPQRP DLAVDVLERTADKATVNGLEPKDRETDTSALAAGSSQEVTYAQLDHWALTQRTARAVSPQSTKPMASIT YAAVARH 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_002278
RefSeq Size:	2818
RefSeq ORF:	861
Synonyms:	CD305; LAIR-1
Locus ID:	3903



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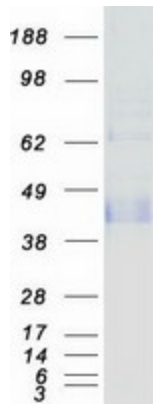
UniProt ID: [Q6GTX8](#)

Cytogenetics: 19q13.42

Summary: The protein encoded by this gene is an inhibitory receptor found on peripheral mononuclear cells, including natural killer cells, T cells, and B cells. Inhibitory receptors regulate the immune response to prevent lysis of cells recognized as self. The gene is a member of both the immunoglobulin superfamily and the leukocyte-associated inhibitory receptor family. The gene maps to a region of 19q13.4 called the leukocyte receptor cluster, which contains at least 29 genes encoding leukocyte-expressed receptors of the immunoglobulin superfamily. The encoded protein has been identified as an anchor for tyrosine phosphatase SHP-1, and may induce cell death in myeloid leukemias. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified LAIR1 protein (Cat# [TP306439]). The protein was produced from HEK293T cells transfected with LAIR1 cDNA clone (Cat# [RC206439]) using MegaTran 2.0 (Cat# [TT210002]).