

Recombinant Human LASP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LASP1-5401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LASP1 MS Standard C13 and N15-labeled recombinant protein (NP_006139) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of a subfamily of LIM proteins, characterized by a LIM motif and a domain of Src homology region 3, and also a member of the nebulin family of actin-binding proteins. The encoded protein is a cAMP and cGMP dependent signaling protein and binds to the actin cytoskeleton at extensions of the cell membrane. The encoded protein has been linked to metastatic breast cancer, hematopoietic tumors such as B-cell lymphomas, and colorectal cancer.
Molecular Mass	29.5 kDa
AA Sequence	MNPNCARCGKIVYPTEKVNCLDKFWHKACFHCETCKMTLNMKNYKGYEKKPYCNA HYPKQSFTMVADTPENLRLKQQSELQSQVRYKEEFEKNKGKGFVSVVADTPELQRIK KTQDQISNIKYHEEFEKSRMGPSGGEGMEPERRDSQDGSSYRRPLEQQQPHHIPT SAPVYQQPQQQPVAQSYGGYKEPAAPVSIQRSAPGGGGKRYRAVYDYSAADEDE VSFQDGDITVNVQQIDDGWMYGTVERTGDTGMLPANYVEAITRTRPLEQKLISEEDL AANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

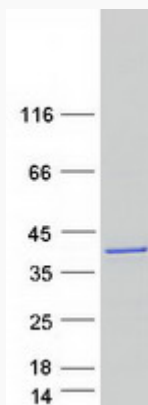
GENE INFORMATION

Gene Name	LASP1 LIM and SH3 protein 1 [Homo sapiens (human)]
Official Symbol	LASP1
Synonyms	LASP1; LIM and SH3 protein 1; LIM and SH3 domain protein 1; Lasp 1; MLN50; MLN 50; metastatic lymph node gene 50 protein; Lasp-1;
Gene ID	3927
mRNA Refseq	NM_006148
Protein Refseq	NP_006139
MIM	602920
UniProt ID	Q14847

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SDS-PAGE

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