

Recombinant Human LASP1 Protein (1-243 aa), GST-tagged

Cat. No. LASP1-1206H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LASP1 Protein (1-243 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Transport. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-243 aa
Description	Plays an important role in the regulation of dynamic actin-based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation may also serve to regulate actin-associated ion transport activities, not only in the parietal cell but also in certain other F-actin-rich secretory epithelial cell types.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	54.8 kDa
AA Sequence	MNPNCARCGKIVYPTEKVNCLDKFWHKACFHCETCKMTLNMKNYKGYEKKPYCNA HYPKQSFTMVADTPENLRLKQQSELQSQVRYKEEFEKNKGKGFVSVADTPELQRIK KTQDQISNIKYHEEFEKSRMGPSGGEGMEPERRDSQDGSSYRRPLEQQQPHHIPT SAPVYQQPQQQPVAQSYGGYKEPAAPVSIQRSAPGGGGKRYRAVDYSAADEDE VSFQDGDITVNVQQIDDGWMYGT

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

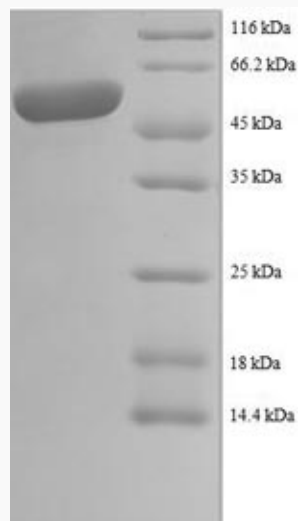
GENE INFORMATION

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

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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