

Recombinant Human LSAMP protein, T7/His-tagged

Cat. No. LSAMP-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human mature LSAMP cDNA (29 -315aa, derived from BC033803) protein fused with T7-His-TEV cleavage site Tag (29aa)at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGGQQMGRGHHHHHHGNLYFQGGEFRSVDFNRGTDNITVRQGDTAILRCV VEDKNSKVAWLNRSGLIFAGH DKWSLDPRVELEKRHSLEYSRLRIQKVDVYDEGSYT CSVQTQHEPKTSQVYLIVQVPPKISNISSDVTVNEGSNVT LVCMANGRPEPVITWRH LTPTGREFEGEEYLEILGITREQSGKYECKAANEVSSADVKQVKVTVNYPPTITESK SNEATTGRQASLKCEASAVPAPDFEWYRDDTRINSANGLEIKSTEGQSSSLVTNVTE EHYGNITCVAANKLGVTN ASLVLFPPGSGVRGIN
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro LSAMP mediated neuronal connection regulation study for neurogenesis with this protein as either coating matrix protein or soluble factor.2. May be used for LSAMP protein-protein interaction assay.3. Potential diagnostic biomarker protein for various tumor and neuronal diseases.4. As antigen for specific antibody production.

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Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.
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GENE INFORMATION

Gene Name	LSAMP limbic system-associated membrane protein [Homo sapiens]
Official Symbol	LSAMP
Synonyms	LSAMP; limbic system-associated membrane protein; IgLON family member 3; IGLON3; LAMP; FLJ34254; FLJ35396; FLJ37216; FLJ54658;
Gene ID	4045
mRNA Refseq	NM_002338
Protein Refseq	NP_002329
MIM	603241
UniProt ID	Q13449
Chromosome Location	3q13.2-q21
Function	protein binding;

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