



# Recombinant Human Limbic system-associated membrane protein (LSAMP)

<b>Product Code</b>	CSB-EP013197HU
<b>Abbreviation</b>	LSAMP
<b>Storage</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q13449
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	VR SVDFNRGTDN ITVRQGDTAI LRCVVEDKNS KVAWLNRSGI IFAGHDKWSL DPRVELEKRH SLEYSRLRIQK VDVYDEGSYT CSVQTQHEPK TSQVYLIVQV PPKISNISSD VTVNEGSNVT LVCMANGRPE PVITWRHLTP TGREFEGEEEE YLEILGITRE QSGKYECKAA NEVSSADVKQ VKVTVNYPPT ITESKSNEAT TGRQASLKCE ASAVPAPDFE WYRDDTRINS ANGLEIKSTE GQSSLTVTNV TEEHYGNYTC VAANKLGVTN ASLVLFRLPGS VRGIN
<b>Source</b>	E.coli
<b>Target Names</b>	LSAMP
<b>Protein Names</b>	Recommended name: Limbic system-associated membrane protein Short name= LSAMP Alternative name(s): IgLON family member 3
<b>Expression Region</b>	29-315
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is a neuronal surface glycoprotein found in cortical and subcortical regions of the limbic system. During development of the limbic system, this encoded protein is found on the surface of axonal membranes and growth cones, where it acts as a selective homophilic adhesion molecule, and guides the development of specific patterns of neuronal connections.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.