

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
 MASMTGGQQMGRGHHHHHGNLYFQGGEFRSVDNFNRGTDNITVRQGDTAILRCV
 VEDKNSKVAWLNRSGIIFAGH DKWSLDPRVELEKRHSLEYSRLRIQKVDVYDEGSYT
 CSVQTQHEPKTSQVYLIVQVPPKISNISSDVTVNEGSNVT LVCMANGRPEPVITWRH
 LTPTGREFEGEEYLEILGITREQSGKYECKAANEVSSADVQKQKVTVNYPPTITESK
 SNEATTGRQASLKCEASAVPAPDFEWYRDDTRINSANGLEIKSTEGQSSSLVTNVTE
 EHYGNYTCVAANKLGVTN ASLVLFPRPGSVRGIN

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA