Active Recombinant Human LSAMP protein, hFc-tagged

Cat. No. LSAMP-6982H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LSAMP protein(Q13449)(Met1-Asn315), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Asn315
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	1. Measured by its binding ability in a functional ELISA.2. Immobilized recombinant human OPCML-His (Cat:10328-H08H) at 10 μg/mL can bind recombinant human LSAMP-Fc with a linear range of 31.25-250 ng/ml.
Molecular Mass	The secreted recombinant human LSAMP/Fc is a disulfide-linked homodimer. Yhe reduced monomer consists of 528 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, the apparent molecular mass of rhLSAMP/Fc monomer is approximately 80-85 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method

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

Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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