Recombinant Human LSAMP Protein (His Tag)

Catalog Number: PKSH033342



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Limbic system-associated membrane protein;LSAMP;IgLON family member 3

Species Human

Expression Host HEK293 Cells
Sequence Val29-Asn315

AccessionQ13449Calculated Molecular Weight32.8 kDaObserved molecular weight45-65 kDaTagC-His

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs. **Formulation** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

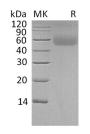
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed man

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Limbic system-associated membrane protein is also known as LSAMP; IgLON family member 3. In humans; it is encoded by the LSAMP gene. It belongs to the immunoglobulin superfamily and contains 3 Ig-like C2-type domains. Limbic system-associated membrane protein mediates selective neuronal growth and axon targeting. It contributes to the guidance of developing axons and remodeling of mature circuits in the limbic system. It is also essential for normal growth of the hyppocampal mossy fiber projection

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com
Email: techsupport@elabscience.com