

Recombinant Human LSAMP Protein (His Tag)

Catalog Number:PKSH033342



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

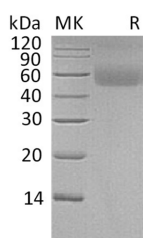
Description

Synonyms	Limbic system-associated membrane protein;LSAMP;IgLON family member 3
Species	Human
Expression Host	HEK293 Cells
Sequence	Val29-Asn315
Accession	Q13449
Calculated Molecular Weight	32.8 kDa
Observed molecular weight	45-65 kDa
Tag	C-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 hippocampal mossy fiber projection

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