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Datasheet for ABIN1880685 LSAMP Protein (AA 29-315) (His tag)



Overview	
Quantity:	50 µg
Target:	LSAMP
Protein Characteristics:	AA 29-315
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LSAMP protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human Limbic System-Associated Membrane Protein/LSAMP (C-6His)

Sequence:	VRSVDFNRGT DNITVRQGDT AILRCVVEDK NSKVAWLNRS GIIFAGHDKW SLDPRVELEK
	RHSLEYSLRI QKVDVYDEGS YTCSVQTQHE PKTSQVYLIV QVPPKISNIS SDVTVNEGSN
	VTLVCMANGR PEPVITWRHL TPTGREFEGE EEYLEILGIT REQSGKYECK AANEVSSADV
	KQVKVTVNYP PTITESKSNE ATTGRQASLK CEASAVPAPD FEWYRDDTRI NSANGLEIKS
	TEGQSSLTVT NVTEEHYGNY TCVAANKLGV TNASLVLFRP GSVRGINVDH HHHHH
Characteristics:	Recombinant Human Limbic system-associated membrane protein/LSAMP is produced by our
	mammalian expression system in human cells. The target protein is expressed with sequence
	(Val29-Asn315) of Human LSAMP fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

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Target Details

3. In humans, it is encoded by the LSAMP gene. It belongs to the immunoglobulin superfamil and contains 3 Ig-like C2-type domains. Limbic system-associated membrane protein media 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 Alternative Names: Limbic system-associated membrane protein is also known as LSAMP, IgLON family member 3. Molecular Weight: 32.8 kDa UniProt: Q13449 Application Details For Research Use only Handling Format: Lyophilized Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in dH20. Please aliquot the reconstitute of 20 mM PB,150 mM NaCl, pH 7.4. Handling Advice: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4. Handling Advice: A lways centrifuge tubes before opening. Do not mix by vortex or pipetting.	l'arget Details	
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