

Recombinant Human SLURP2 Protein (23-97 aa), His-tagged

Cat. No. SLURP2-2440H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLURP2 Protein (23-97 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	23-97 aa
Description	Binds and may modulate the functional properties of nicotinic and muscarinic acetylcholine receptors. May regulate keratinocytes proliferation, differentiation and apoptosis. In vitro moderately inhibits ACh-evoked currents of alpha-3:beta-2-containing nAChRs and strongly these of alpha-4:beta-2-containing nAChRs, modulates alpha-7-containing nAChRs, and inhibits nicotine-induced signaling probably implicating alpha-3:beta-4-containing nAChRs. Proposed to act on alpha-3:beta-2 and alpha-7 nAChRs in an orthosteric, and on mAChRs, such as CHRM1 and CHRM3, in an allosteric manner.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	10.0 kDa
AA Sequence	IWCHQCTGFGGCSHGSRCLRDSTHCVTATRVLSNTEDLPLVTKMCHIGCPDIPSL GLGPYVSIACCQTSLCNHD

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

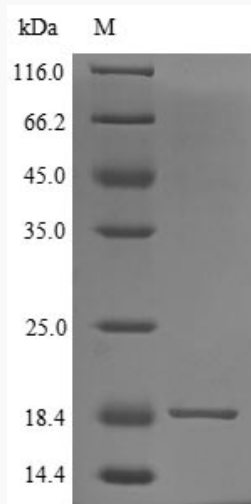
GENE INFORMATION

Gene Name	SLURP2 secreted LY6/PLAUR domain containing 2 [Homo sapiens (human)]
Official Symbol	SLURP2
Synonyms	SLURP2; SLURP-2;
Gene ID	432355
mRNA Refseq	NM_177458
Protein Refseq	NP_803253
UniProt ID	P0DP57

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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