

Recombinant Human Secreted Ly-6,uPAR domain-containing protein 2(SLURP2)

Catalog No: #AP77764

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Package Size: #AP77764-1 20ug #AP77764-2 100ug #AP77764-3 1mg

Description

Product Name	Recombinant Human Secreted Ly-6,uPAR domain-containing protein 2(SLURP2)
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-97aaSequence Info:Full Length of Mature Protein
Other Names	Secreted LY6,PLAUR domain-containing protein 2 Secreted Ly-6,uPAR-related protein 2
Accession No.	P0DP57
Uniprot	P0DP57
GeneID	432355;
Calculated MW	10 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	IWCHQCTGFGGC SHGSRCLRDSTHCVTATRVLSNTEDLPLVTMKMCHIGCPDIPSLGLGPYVSIACCQTSLCN HD
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

"SLURP-2, a novel member of the human Ly-6 superfamily that is up-regulated in psoriasis vulgaris."

Tsuji H., Okamoto K., Matsuzaka Y., Iizuka H., Tamiya G., Inoko H.

Genomics 81:26-33(2003)Research Topic:Others

Note: This product is for in vitro research use only