Recombinant Human SNPH, His-tagged

Cat. No. SNPH-27725TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-424 of human SNPH with His tag; 444 amino acids, 48.2 KDa.
Species	Human
Source	E.coli
ProteinLength	1-424 a.a.
Description	Syntaxin-1, synaptobrevin/VAMP, and SNAP25 interact to form the SNARE complex, which is required for synaptic vesicle docking and fusion. The protein encoded by this gene is membrane-associated and inhibits SNARE complex formation by binding free syntaxin-1. Expression of this gene appears to be brain-specific.
Conjugation	HIS
Tissue specificity	Brain specific. Found in synapses.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

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	freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAMSLPGSRR TSAGSRRRTS PPVSVRDAYG TSSLSSSSNS GSYKGSDSSP TPRRSMKYTL CSDNHGIKPP TPEQYLTPLQ QKEVCIRHLK ARLKDTQDRL QDRDTEIDDL KTQLSRMQED WIEEECHRVE AQLALKEARK EIKQLKQVID TVKNNLIDKD KGLQKYFVDI NIQNKKLETL LHSMEVAQNG MAKEDGTGES AGGSPARSLT RSSTYTKLSD PAVCGDRQPG DPSSGSAEDG ADSGFAAADD TLSRTDALEA SSLLSSGVDC GTEETSLHSS FGLGPRFPAS NTYEKLLCGM EAGVQASCMQ ERAIQTDFVQ YQPDLDTILE KVTQAQVCGT DPESGDRCPE LDAHPSGPRD PNSAVVVTVG DELEAPEPIT RGPTPQRPGA NPNPGQSVSV VCPMEEEEEA AVAEKEPKSY WSRH

GENE INFORMATION

Gene Name	SNPH syntaphilin [Homo sapiens]
Official Symbol	SNPH
Synonyms	SNPH; syntaphilin; bA314N13.5;
Gene ID	9751
mRNA Refseq	NM_014723
Protein Refseq	NP_055538
MIM	604942
Uniprot ID	O15079
Chromosome	20p13

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Location	
Function	syntaxin-1 binding;

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