

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: None Constituents: 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 GSYKGSDDSP TPRRSMKYTL CSDNHGIKPP TPEQYLTPLQ
 QKEVCIRHLK ARLKDTQDRL QDRDTEIDDL KTQLSRMQED WIEEECHRVE
 AQLALKEARK EIKQLKQVID TVKNNLIDKD KGLQKYFVDI NIQNKKLETL
 LHSMEVAQNG MAKEDGTGES AGGSPARSLT RSSTYTKLSD PAVCGDRQPG
 DPSSGSAEDG ADSGFAAADD TLSRTDALEA SLLSSGVDC GTEETSLHSS
 FGLGPRFPAS NTYEKLLCGM EAGVQASCMQ ERAIQTDFVQ YQPDLDITLE
 KVTQAQVCGT DPESGDRCPE LDAHPGPRD 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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