Recombinant Human SNAP47, His-tagged

Cat. No. SNAP47-29598TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 231-378 of Human SNAP47 with N terminal His tag; 148 amino acids, 24kDa.
Species	Human
Source	E.coli
ProteinLength	231-378 a.a.
Description	SNAP47 belongs to the SVAP1 family. It contains two t-SNARE coiled-coil homology domains.SNAP47 has ubiquitous tissue distribution, with particularly high levels in nervous tissue. In neurons, SNAP 47 has been shown to havewidespread distribution on intracellular membranes and is enriched in synaptic vesicle fractions. In vitro, SNAP 47 can substitute for SNAP-25 in SNARE complex formation,but not as efficiently.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 55 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	FIGKPDMAYRLISAKMPEVIPILEVQFSKKMELLEDALVL RSARTSSPAEKSCSVWHA ASGLMGRTLHREPPAGDQEG TALHLQTSLPALSEADTQELTQILRRMKGLALEAES EL ERQDEALDGVAAAVDRATLTIDKHNRRMKRLT

GENE INFORMATION

Gene Name	SNAP47 synaptosomal-associated protein, 47kDa [Homo sapiens]
Official Symbol	SNAP47
Synonyms	SNAP47; synaptosomal-associated protein, 47kDa; C1orf142, chromosome 1 open reading frame 142; synaptosomal-associated protein 47; SNAP 47; SVAP1;
Gene ID	116841
mRNA Refseq	NM_053052
Protein Refseq	NP_444280
Uniprot ID	Q5SQN1
Chromosome Location	1q42.13
Pathway	SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem;

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