

Recombinant Human SYT1, His-tagged

Cat. No. SYT1-3077H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SYT1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	77-422aa
Source	E.coli
Species	Human
Tag	His
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SYT1 synaptotagmin I [Homo sapiens]
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Official Symbol	SYT1
Synonyms	SYT1; synaptotagmin I; SVP65, SYT; synaptotagmin-1; P65; sytl; synaptotagmin 1; SYT; SVP65; DKFZp781D2042;
Gene ID	6857
mRNA Refseq	NM_001135805
Protein Refseq	NP_001129277
MIM	185605
UniProt ID	P21579
Chromosome Location	12cen-q21
Pathway	Acetylcholine Neurotransmitter Release Cycle, organism-specific biosystem; Botulinum neurotoxicity, organism-specific biosystem; Disease, organism-specific biosystem; Dopamine Neurotransmitter Release Cycle, organism-specific biosystem; Effects of Botulin
Function	1-phosphatidylinositol binding; calcium ion binding; calcium-dependent protein binding; calmodulin binding; identical protein binding; low-density lipoprotein particle receptor binding; phospholipid binding; protein binding; syntaxin-1 binding; transporte

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