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Overview

Quantity:	1 mg
Target:	SYT4
Protein Characteristics:	AA 38-425
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYT4 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	CQR RSAKSNKTPP YKFVHVLKGV
	DIYPENLSSK KKFGGDDKSE AKRKAALPNL SLHLDLEKRD LNGNFPKTNP KAGSSSDLEN
	VTPKLFPETE KEAVSPESLK SSTSLTSEEK QEKLGTLFLS LEYNFEKKAF VVNIKEAQGL
	PAMDEQSMTS DPYIKMTILP EKKHKVKTRV LRKTLDPVFD ETFTFYGVPY PHIQELSLHF
	TVLSFDRFSR DDVIGEVLVP LSGIELSDGK MLMTREIIKR NAKKSSGRGE LLVSLCYQST
	TNTLTVVVLK ARHLPKSDVS GLSDPYVKVN LYHAKKRISK KKTHVKKCTP NAVFNELFVF
	DIPCESLEEI SVEFLVLDSE RGSRNEVIGR LVLGATAEGS GGGHWKEICD FPRRQIAKWH
	MLCDG
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details > 90 % Purity: **Target Details** SYT4 Target: Alternative Name Synaptotagmin-4 (Syt4) (SYT4 Products) Background: Recommended name: Synaptotagmin-4. Alternative name(s): Synaptotagmin IV. Short name= SytIV UniProt: P50232 Pathways: Synaptic Membrane, Synaptic Vesicle Exocytosis **Application Details** Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. Restrictions: For Research Use only Handling Format: Lyophilized Concentration: 0.2-2 mg/mL Buffer: Tris-based buffer, 50 % glycerol Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

-20 °C

Storage:

Storage Comment:

Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.