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Datasheet for ABIN1474545

Synaptotagmin 3 Protein (AA 76-588) (His tag)

Overview

Quantity:	1 mg
Target:	Synaptotagmin 3 (SYT3)
Protein Characteristics:	AA 76-588
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Synaptotagmin 3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SWKLC WVPWRDKGGS AVGGGPLRKD LAPGVGLAGL VGGGGHHLGA SLGGHPLLGG PHHHHAHPAH PPFAELLEPG GLGGSEPPEP SYLDMDSYPE AAVASVVAAG VKPSQTSPEL PSEGGTGSGL LLLPPSGGGL PSAQSHQQVT SLAPTRYPA LPRPLTQQTL TTQADPSSEE RPPALPLPLP GGEEKAKLIG QIKPELYQGT GPGGRRTGGG SGEAGAPCGR ISFALRYLYG SDQLVVRILQ ALDLPKDSN GFSDPYVKIY LLPDRKKKFQ TKVHRKTLNP IFNETFQFSV PLAELAQRKL HFSVYDFDRF SRHDLIGQVV LDNLELAEQ PPDRPLWRDI LEGGSEKADL GELNFSLCYL PTAGLLTVTI IKASNLKAMD LTGFSDPYVK ASLISEGRRL KKRKTSIKKN TLNPTYNEAL VFDVAPESVE NVGLSIAVVD YDCIGHNEVI GVCRVGPAA DPHGREHWAE MLANPRKPVE HWHQLVEEKT LSSFTKGGKG LSEKENSE
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: Synaptotagmin 3 (SYT3)

Alternative Name: Synaptotagmin-3 (Syt3) ([SYT3 Products](#))

Background: Recommended name: Synaptotagmin-3.
Alternative name(s): Synaptotagmin III.
Short name= SytIII

UniProt: [P40748](#)

Pathways: [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 modiflicated 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

Storage: -20 °C

Handling

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