9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

SYT3 Human

Synaptotagmin III Human Recombinant
RCP2306

Product Overview

Name	SYT3 Human
Description	
Synaptotagmin III Human Recombinant	
Accession (Primary)	Q9BQG1
Synonyms	
Synaptotagmin III, SYT3, SytIII, synaptotagmin-3.	
Introduction	
Synaptotagmin-3 (SYT3) is a member of the synaptotagmin family. SYT3 is involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may function as Ca(2+) sensors in the process of vesicular trafficking and exocytosis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The SYT3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSEF WKLCW VPWRDKGGSA VGGGPLRKDL GPGVGLAGLV GGGGHHLAAG LGGHPLLGGP HHHAHAAHHP PFAELLEPGS LGGSDTPEPS YLDMDSYPEA AAAAVAAGVK PSQTSPELPS EGGAGSGLLL LPPSGGGLPS AQSHQQVTSL APTTRYPALP RPLTQQTLTS QPDPSSEERP PALPLPLPGG EEKAKLIGQI KPELYQGTGP GGRRSGGGPG SGEAGTGAPC GRISFALRYL YGSDQLVVRI LQALDLPAKD SNGFSDPYVK IYLLPDRKKK FQTKVHRKTL NPVFNETFQF SVPLAELAQR KLHFSVYDFD RFSRHDLIGQ VVLDNLLELA EQPPDRPLWR DIVEGGSEKA DLGELNFSLC YLPTAGRLTV TIIKASNLKA MDLTGFSDPY	

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VKASLISEGR RLKKRKTSIK KNTLNPTYNE ALVFDVAPES VENVGLSIAV VDYDCIGHNE VIGVCRVGPD AADPHGREHW AEMLANPRKP VEHWHQLVEE KTVTSFTKGS KGLSEKENSE.

Precautions

SYT3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BQG1)