9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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SYT11 Human

Synaptotagmin XI Human Recombinant
RCP2304

Product Overview

Name	SYT11 Human
Description	
Synaptotagmin XI Human Recombinant	
Accession (Primary)	Q9BT88
Synonyms	
Synaptotagmin XI, SytXI, Synaptotagmin 12, KIAA0080, SYT12, Synaptotagmin-11.	
Introduction	
Synaptotagmin-11 (SYT11) protein may be involved in Ca2+-dependent exocytosis of secretory vesicles through Ca2+ and phospholipid binding to the C2 domain or may function as Ca2+ sensors in the process of vesicular trafficking and exocytosis.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SYT11 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4) and 50% glycerol.	
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 80% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS WSCCHQQ AEKKQKNPPY KFIHMLKGIS IYPETLSNKK KIIKVRRDKD GPGREGGRRN LLVDAAEAGL LSRDKDPRGP SSGSCIDQLP IKMDYGEELR SPITSLTPGE SKTTSPSSPE EDVMLGSLTF SVDYNFPKKA LVVTIQEAHG LPVMDDQTQG SDPYIKMTIL PDKRHRVKTR VLRKTLDPVF DETFTFYGIP YSQLQDLVLH FLVLSFDRFS RDDVIGEVMV PLAGVDPSTG KVQLTRDIIK RNIQKCISRG ELQVSLSYQP VAQRMTVVVL KARHLPKMDI TGLSGNPYVK VNVYYGRKRI AKKKTHVKKC TLNPIFNESF IYDIPTDLLP DISIEFLVID FDRTTKNEVV GRLILGAHSV TASGAEHWRE VCESPRKPVA KWHSLSEY.	

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Precautions

SYT11 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BT88)