

32-13464: SYT11 Human

Alternative Name : Synaptotagmin XI, SytXI, Synaptotagmin 12, KIAA0080, SYT12, Synaptotagmin-11.

Description

Source: E.coli.

Sterile Filtered colorless solution.

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.

SYT11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 418 amino acids (37-431 a.a) and having a molecular mass of 47kDa. SYT11 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 80% as determined by SDS-PAGE.

Content : SYT11 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4) and 50% glycerol.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSWSCCHQQ AEKKQKNPPY KFIHMLKGIS IYPETLSNKK KIIKVRDDKD
GPGREGGRRN LLVDAAEAGL LSRDKDPRGP SSGSCIDQLP IKMDYGEELR SPITSLTPGE SKTTPSSSPE
EDVMLGSLTF SVDYNFPKKA LVVTIQEAHG LPVMDDQTQG SDPYIKMTIL PDKRHRVKTR VLRKTLDPVF
DETFTFYGIP YSQLQDLVLH FLVLSFDRFS RDDVIGVMV PLAGVDPSTG KVQLTRDIK RNIQKCISRG
ELQVLSYQP VAQRMTVVVL KARHLPKMDI TGLSGNPYVK VNVYYGRKRI AKKTHVKKC TLNPIFNESF
IYDIPTDLLP DISIEFLVID FDRTTKNEVV GRLILGAHSV TASGAEHWRE VCESPRKPVA KWHLSLEY.