

## 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 Ca<sup>2+</sup>-dependent exocytosis of secretory vesicles through Ca<sup>2+</sup> and phospholipid binding to the C2 domain or may function as Ca<sup>2+</sup> 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

<b>Amount :</b>	2 µg / 10 µg
<b>Purification :</b>	Greater than 80% as determined by SDS-PAGE.
<b>Content :</b>	SYT11 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4) and 50% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	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 KVQLTRDIIK RNIQKCISRG ELQVLSYQP VAQRMTVVVL KARHLPKMDI TGLSGNPYVK VNVYYGRKRI AKKTHVKKC TLNPIFNESF IYDIPTDLLP DISIEFLVID FDRTTKNEVV GRLILGAHSV TASGAEHWRE VCESPRKPVA KWHLSLEY.