

# Human SYT1 Recombinant Protein



RPPB4887

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## Product Information    Protein Information

**Product SKU:**

RPPB4887

**Accession:**

P21579

**Host:**

Escherichia Coli.

**Protein description:**

SYT1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 256 amino acids (136-382 a.a) and having a molecular mass of 29.5kDa. SYT1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Synaptotagmin-1, Synaptotagmin I, Sytl, p65, SYT1, SVP65, SYT.

**Formulation:**

SYT1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 100mM NaCl.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MEPKEEEKLG KIQYSLDYDF QNNQLLVGII QAAELPALDM GGTSDPYVKV FLLPDKKKKF ETKVHRKTLN  
PVFNEQFTFK VPYSELGGKT LVMAVYDFDR FSKHDIIGEF KVPMNTVDFG HVTEEWRDLQ SAEKEEQEKL  
GDICFSLRYV PTAGKLTVVI LEAKNLKMD VGGLSDPYVK IHLMQNGKRL KKKKTTIKKN TLNPPYNESF  
SFEVPEQIQ KVQVVTVLD YDKIGKNDAI GKVFGYNLE HHHHHH.