

# Human SYT3 Recombinant Protein



RPPB4888

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## Product Information    Protein Information

**Product SKU:**

RPPB4888

**Accession:**

Q9BQG1

**Host:**

Escherichia Coli.

**Protein description:**

SYT3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 540 amino acids (76-590) and having a molecular mass of 57.7 kDa. SYT3 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Synaptotagmin III, SYT3, SytIII, synaptotagmin-3.

**Formulation:**

The SYT3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.

**Purity:**

Greater than 85% 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:**

MGSSHHHHHH SGLVPRGSH MGSEFWKLCW VPWRDKGSA VGGGPLRKDL GPGVGLAGLV  
GGGGHHLAAG LGGHPLLGGP HHHAAHHP PFAELLEPGS LGGSDTPEPS YLDMSYPEA AAAVAAGVK  
PSQTSPELPS EGGAGSLLL LPPSGGLPS AQSHQQVTSL APTTRYPALP RPLTQQTLTS QPDPSEERP  
PALPLPLPGG EEKAKLIGQI KPELYQGTGP GGRRSGGGPG SGEAGTGAPC GRISFALRYL YGSDQLVVR  
LQALDLPKAD SNGFSDPYVK IYLLPDRKKK FQTKVHRKTL NPVFNETFQF SVPLAELAQR KLHFSVYDFD  
RFSRHDLIGQ VVLDNLELA EQPPDRPLWR DIVEGGSEKA DLGELNFSLC YLPTAGRLTV TIIKASNLKA  
MDLTGFSDPY VKASLISEGR RLKCRKTSIK KNTLNPTYNE ALVFDVAPES VENVGLSIAV VDYDCIGHNE  
VIGVCRVGPD AADPHGREHW AEMLANPRKP VEHWHQLVEE KTVTSFTKGS KGLSEKENSE.