

Product datasheet

Recombinant Human Synaptotagmin 3 protein (Cytoplasmic domain) (denatured) ab180346

1 Image

Description

Product name Recombinant Human Synaptotagmin 3 protein (Cytoplasmic domain) (denatured)

Purity > 85 % SDS-PAGE.

Expression system Escherichia coli

Accession [Q9BQG1](#)

Protein length Protein fragment

Animal free No

Nature Recombinant

Species Human

Sequence

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MGSSHHHHHH SSGLVPRGSH MGSEFWKLCW
VPWRDKGGSA VGGGPLRKDL GPGVGLAGLV
GGGGHHLAAG LGGHPLLGGP HHHAAAAHHP
PFAELLEPGS LGGSDTPEPS YLDMDSYPEA
AAAAVAAGVK PSQTSPELPS EGGAGSGLLL
LPPSGGGLPS AQSHQQVTSL APTTRYPALP
RPLTQQTLTS QPDPSSEERP PALPLPLPGG
EEKAKLIGQI KPELYQGTGP GGRRSGGGPG
SGEAGTGAPC GRISFALRYL YGSDQLVVRI
LQALDLPKAD SNGFSDPYVK IMLPDRKKK
FQTKVHRKTL NPVFNETFQF SVPLAELAQR
KLHFSVYDFD RFSRHDLIGQ VVLDNLELA
EQPPDRPLWR DIVEGGSEKA DLGELNFSLC
YLPTAGRLTV TIKASNLKA MDLTGFSDPY VKASLISEGR
RLKKRKTSIK KNTLNPTYNE ALVFDVAPES VENVGLSIAV
VDYDCIGHNE VIGVCRVGPD AADPHGREHW
AEMLANPRKP VEHWHQLVEE KTVTSFTKGS
KGLSEKENSE
    
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Predicted molecular weight 58 kDa including tags

Amino acids 76 to 590

Tags His tag N-Terminus

Additional sequence information NP_115674.

Description Recombinant Human Synaptotagmin 3 protein (Cytoplasmic domain)

Specifications

Our [Abpromise guarantee](#) covers the use of **ab180346** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

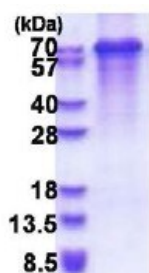
Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 2.4% Urea

General Info

Relevance Synaptotagmin 3 (SYT3) may be involved in Ca²⁺-dependent exocytosis of secretory vesicles through Ca²⁺ and phospholipid binding to the C2 domain or may serve as Ca²⁺ sensors in the process of vesicular trafficking and exocytosis.

Cellular localization Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass membrane protein.

Images



15% SDS-PAGE analysis of ab180346 (3 µg)

SDS-PAGE - Recombinant Human Synaptotagmin 3 protein (Cytoplasmic domain) (denatured)
(ab180346)

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