

Recombinant Full Length Mouse Synaptotagmin-3(Syt3) Protein, His-Tagged

Cat. No. RFL11037MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Synaptotagmin-3(Syt3) Protein (O35681) (1-587aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length (1-587)

Form

Lyophilized powder

AA Sequence

MSGDYEDDLRRLILVSDLCARVRDADTNDRCQEFNELRIRGYPRGPDADISVLL
 SVIVTFCGIVLLGVSLFVSWKLCWVPWRDKGGSVAVGGGGLRDLAPGVGLAGLVGG
 GGHHLGASLGGHPLLGGPHHHGHTAHHPPFAELLEPGGLGGSEPPEPSYLDMSY
 PEAASVVAAGVKPSQTSPELPSEGGTGSGLLLLPPSGGGLPSAQSHQQVTS LAP
 TTRYPALPRPLTQQTLTTQADPSTEERPPALPLPLPGGEEKAKLIGQIKPELYQGTGP
 GGRRGGGSGEAGAPCGRISFALRYLYGSDHLVVRILQALDLPKDSNGFSDPYVKIY
 LLPDRKKKFQTKVHRKTLNPIFNETFQFSVPLAELAQRKLHFSVYDFDRFSRDLIGQ
 VVLDNLELAEQPPDRPLWRDILEGGSEKADLGELNFSCLYLPTAGRLTVTIKASNL
 KAMDLTGFSDPYVKASLISEGRRLKRRKTSIKKNTLNPTYNEALVFDVAPESVENVGL
 SIAVDYDCIGHNEVIGVCRVGPEAADPHGREHWAEMLANPRKPVEHWHQLVEEKT
 LSSFTKGGKGLSEKENSE

Purity

Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Syt3
Synonyms	Syt3; Synaptotagmin-3; Synaptotagmin III; SytIII
UniProt ID	O35681

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