

Recombinant Rat Syn2 protein, His-tagged

Cat. No. Syn2-4332R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Syn2 protein(Q63537)(233-582aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	233-582aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	38.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

MVAIFKTLGGEKFPLIEQTYYPNHREMLTLPTFPVVVKIGHAHSGMGKVKVENHYDF
 QDIASVVALTQTYATAEPFIDAKYDIRVQKIGNNYKAYMRTSISGNWKTNTGSAMLEQ
 IAMSDRYKLWVDACSEMFGGLDICA VKAVHGKDGKDYIFEVMDCSMPLIGEHQVED
 RQLITDLVISKMNQLLSRTPALSPQRPLTTQQPQSGTLKEPDSSKTPPQRPAPQGGP
 GQPQGMQPPGKVLPPRRLPSGSLPPSSSSSSSSSSSSSSAPQRPGGPTSTQVNAS
 SSSNSLAEPQAPQAAPPQKPQPHPQLNKSQSLTNAFSFSESSFFRSSANEDAKAE
 TIRSLRKSFAS

GENE INFORMATION

Gene Name [Syn2 synapsin II \[Rattus norvegicus \]](#)

Official Symbol [Syn2](#)

Synonyms SYN2; synapsin II; synapsin-2; synapsin 2;

Gene ID [29179](#)

mRNA Refseq [NM_001034020](#)

Protein Refseq [NP_001029192](#)

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