

Recombinant Rat Syn1 protein, His-tagged

Cat. No. Syn1-646R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Syn1 protein(P09951)(113-420aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	113-420a.a.
Tag	His
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	35.6 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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

ARVLLVIDEPHTDWAKYFKGKKIHGEIDIKVEQAEFSDLNLVAHANGGFSVDMEVLR
 NGVKVVRSLKPDFVLIRQHAFSMARNGDYRSLVIGLQYAGIPSVNSLHSVYNFCDKP
 WVFAQMVRLHKKLGTETPLIDQTFYPNHKEMLSSTTPVVVKMGHAHSGMGKVK
 VDNQHDFQDIASVVALTKTYATAEPFIDAKYDVRVQKIGQNYKAYMRTSVSGNWKT
 NTGSAMLEQIAMSDRYKLWVDTCSSEIFGGLDICAVEALHGKDGRDHIEVVGSSMPLI
 GDHQDEDKQLIVELVVKMTQALPR

GENE INFORMATION

Gene Name [Syn1 synapsin I \[Rattus norvegicus \]](#)

Official Symbol [Syn1](#)

Synonyms SYN1; synapsin I; synapsin-1; synapsin 1;

Gene ID [24949](#)

mRNA Refseq [NM_001110782](#)

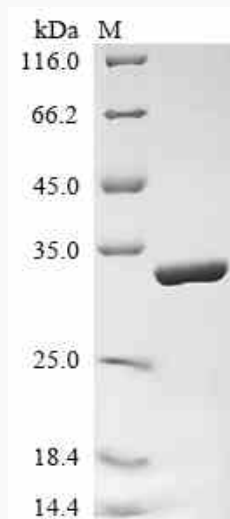
Protein Refseq [NP_001104252](#)

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SDS-PAGE



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