Recombinant Rat Syt1 Full Length Transmembrane protein, His-tagged

Cat. No. Syt1-2156R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Syt1 protein(P21707)(1-421aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Rat
Source	E.coli
ProteinLength	1-421aa
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	53.5 kDa
AA Sequence	MVSASHPEALAAPVTTVATLVPHNATEPASPGEGKEDAFSKLKQKFMNELHKIPLPP WALIAIAIVAVLLVVTCCFCVCKKCLFKKKNKKKGKEKGGKNAINMKDVKDLGKTMKD QALKDDDAETGLTDGEEKEEPKEEEKLGKLQYSLDYDFQNNQLLVGIIQAAELPALD MGGTSDPYVKVFLLPDKKKKFETKVHRKTLNPVFNEQFTFKVPYSELGGKTLVMAV YDFDRFSKHDIIGEFKVPMNTVDFGHVTEEWRDLQSAEKEEQEKLGDICFSLRYVPT AGKLTVVILEAKNLKKMDVGGLSDPYVKIHLMQNGKRLKKKKTTIKKNTLNPYYNESF SFEVPFEQIQKVQVVVTVLDYDKIGKNDAIGKVFVGYNSTGAELRHWSDMLANPRR PIAQWHTLQVEEEVDAMLAVKK

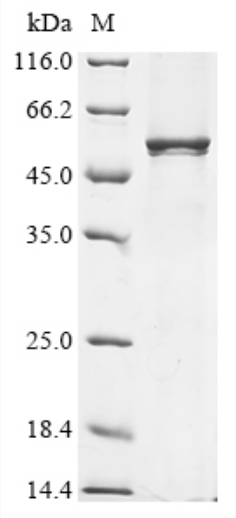
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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration 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.

GENE INFORMATION

Gene Name	Syt1 synaptotagmin I [Rattus norvegicus]
Official Symbol	Syt1
Synonyms	SYT1; synaptotagmin I; synaptotagmin-1; sytl; synaptotagmin 1; P65;
Gene ID	25716
mRNA Refseq	NM_001033680
Protein Refseq	NP_001028852

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SDS-PAGE	

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