

Recombinant Rat Syt2 Full Length Transmembrane protein, His-tagged

Cat. No. Syt2-4938R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Syt2 protein(P29101)(1-422aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Rat
Source	E.coli
ProteinLength	1-422aa
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	48.7 kDa
AA Sequence	MRNIFKRNQEPIVAPATTTATMPLAPAAPADNSTESTGTGESQEDMFAKLKDKFFNE INKIPLPPWALIAMAVVAGLLLLTCCFCICKKCCCKKKKKNKKEKGKGMKNAMNMKDM KGGQDDDDAETGLTEGEGEGEEEEKEPENLGKLQFSLDYDFQANQLTVGVLQAAEL PALDMGGTSDPYVKVFLLPDKKKKYETKVHRKTLNPAFNETFTFKVPYQELGGKTLV MAIYDFDRFSKHDIIGEVKVPMTVDLGQPIEEWRDLQGGEKEEPEKLGDICTSLRY VPTAGKLTVCILEAKNLKKMDVGGLSDPYVKIHLMQNGKRLKKKKTTVKKKTLNPYF NESFSFEIPFEQIQKVQVVVTVLDYDKLGKNEAIGKIFVGSNATGTELRHWSMDMLANP RRPIAQWHSCLKPEEEVDALLGKNK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

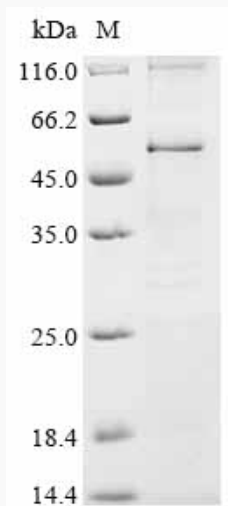
Gene Name	Syt2 synaptotagmin II [<i>Rattus norvegicus</i>]
Official Symbol	Syt2
Synonyms	SYT2; synaptotagmin II; synaptotagmin-2; sytII; synaptotagmin 2; SYNII; RATSYNII;
Gene ID	24805
mRNA Refseq	NM_012665
Protein Refseq	NP_036797

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SDS-PAGE



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