Product datasheet for TP502601

Syngr2 (NM_009304) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synaptogyrin 2 (Syngr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202601 representing NM_009304 Red=Cloning site Green=Tags(s) MESGAYGAANAGGSFDLRRFLSQPQVVTRLVSMVLALIVFSCIFGEGYTNIHTSDQLYCVFNQNEDACRY GSAIGVLAFLASAFFLVVDAFFSQISNATDRKYLVIGDLLFSALWTFLWFVGFCFLTNQWAATKPQDVRV GADSARAAITFSFFSIFSWGVLASLAYQRYKAGVDAFIQNYVDPTPDPNTAYASYPSASVENYQQPPFTQ NVETIEGYQPPPVY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	25.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033330
Locus ID:	20973
UniProt ID:	O55101
RefSeq Size:	1527

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Cytogenetics:	11 E2

RefSeq ORF:	672
Synonyms:	cellugyrin; Clast2
Summary:	May play a role in regulated exocytosis. In neuronal cells, modulates the localization of synaptophysin/SYP into synaptic-like microvesicles and may therefore play a role in the formation and/or the maturation of this vesicles. May also play a role in GLUT4 storage and transport to the plasma membrane.[UniProtKB/Swiss-Prot Function]