

Product datasheet for **TP508536**

Stxbp4 (BC032881) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse syntaxin binding protein 4 (cDNA clone MGC:41138 IMAGE:1224878), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208536 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSDGTASARSSSPLDRDPAFRVITVTKETGLGLKILGGINRNEGPLVYIHEVIPGGDCYKDGRLLKPGDQL VSINKESMIGVSFEEAKSIITRAKLRSERPWEIAFIRQKSYCGHPGNICCPSPQVSEDCGPQTSTFTLLS SPSETLLPKTSSTPQTQDSTFPSCAKAIQTKPEHDKTEHSPITSLDNSPADTSNADIAPAWTDDDSGPQGK ISLNPSVRLKAEKLEMALNYLGIQPTKEQREALREQVQADSKGTVSFGDFVQVARSLFCLQLDEVNVGVH EIPSILDSQLLPCDSLEADEVGLRQERNAALEERNVLKEKLLSEKHRKQLIEELQNVKQEAQAVAEET RALRSRIHLAAEAQRQAAGMEMDYEEVIRLLEAEVSELKAQLADYSDQNKESVQDLRKRVTVLDQCRLRS EMARKAFKASTERLLGFIEAIQEVLLDSSAPLSTLSERRAVLASQTSPLLLARNGRSFPATLLLESKELV RSVRAILDMDCKLSLSSSSSPSSSSSFSSSSSCNLLNKAERP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	58.6 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.



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Locus ID:	20913
UniProt ID:	Q9WV89
RefSeq Size:	1807
Cytogenetics:	11 D
RefSeq ORF:	1599
Synonyms:	6030470M02Rik; Synip
Summary:	Plays a role in the translocation of transport vesicles from the cytoplasm to the plasma membrane. Inhibits the translocation of SLC2A4 from intracellular vesicles to the plasma membrane by STX4A binding and preventing the interaction between STX4A and VAMP2. Stimulation with insulin disrupts the interaction with STX4A, leading to increased levels of SLC2A4 at the plasma membrane. May also play a role in the regulation of insulin release by pancreatic beta cells after stimulation by glucose.[UniProtKB/Swiss-Prot Function]