

Product datasheet for TP504132

AI118078 (BC068128) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse expressed sequence AI118078 (cDNA clone MGC:92972 IMAGE:6835202), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204132 protein sequence Red =Cloning site Green =Tags(s) MMLFQPHRAFRSDWLKPCCGKRAAVWQVFLLSASLNSFLVACVILWILLTLELLIDTKLLQFSNAFQFA GVIHWISLVLSVFFSETVLRIVLGIWDYIENKIEVFDGAVIILSLAPMVASTVANGPRSPWDAISLII MFRIWRVKRVIDAYVLPVKLEMEMVTQQYEKAKAIQDEQLERLTQICQEQGFQIRQLRAHLAQDDLALAA EREAALQAPHVLSQPRSRYSRYKVEAGTWAEETAESIVEELRPSQEATVKDDMNSYISQYYNGPSSGKSGL GLFACTMQPQDTCPSKP TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	33.6 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.
Locus ID:	244886
UniProt ID:	Q8BZB3
RefSeq Size:	4432


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Cytogenetics:	9 B
RefSeq ORF:	894
Synonyms:	9630029F15; AI118078; HVRP1
Summary:	Voltage-sensor protein present on the post-synaptic side of glutamatergic mossy fibers and granule cells in the cerebellum. Despite the presence of a voltage-sensor segment, does not form a functional ion channel and its precise role remains unclear. Undergoes both rapid and slow structural rearrangements in response to changes in voltage. Contains a zinc-binding site that can regulate the slow conformational transition.[UniProtKB/Swiss-Prot Function]