

## Product datasheet for **TP520993**

### Asic2 (NM\_007384) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse acid-sensing (proton-gated) ion channel 2 (Asic2), transcript variant MDEG2, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220993 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSRSGGARLPATALSGPGRFRMAREQPAPAAVAAARQPGGDRSGDRELQGPVARRGRPSLSRTKLHGLR  
HMCAGRTAAGGSFQRRALWVLAFACTSLGILLSWSSNRLLYWLSFSPSHTRVHREWSRQLPFPVAVTCNNNP  
LRFPRLSKGDLYYAGHWLGLLLPNRTARPLVSELLRGDEPRRQWFRKLADFRFLPPRHFEGISAAFMDR  
LGHQLEDMLLSCKYRGELCGPHNFSSVFTKYGKCYMFNSGEDGKPLLTTVKGGTGNGLEIMLDIQQDEYL  
PIWGETEETTFEAGVKVQIHSQSEPPFIQELGFGVAPGFQTFVATQEQRITYLPPPWGECRSEMGLDFF  
PVYSITACRIDCETRYIVENCNCRMVHMPGDAPFCTPEQHKECAEPALGLLAEKDSNYCLCRTPCNLTRY  
NKELSMVKIPSKTSAKYLEKKFNKSEKYISENILVLDIFFEALNYETIEQKKAYEVAALLGDIGGQMGLF  
IGASILTILELFDYIYELIKEKLLDLLGKEEEEESHDENMSTCDTMPNHSETISHTVNVPLQTALGTLLEE  
IAC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	63.2 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.



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RefSeq:	<u>NP_031410</u>
Locus ID:	11418
UniProt ID:	<u>Q925H0, B2RRQ1</u>
RefSeq Size:	3024
Cytogenetics:	11 48.43 cM
RefSeq ORF:	1692
Synonyms:	Accn1; ACIC2; BNaC1; BNaC1a; BNC1; Mdeg
Summary:	Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Also permeable for Li(+) and K(+). Generates a biphasic current with a fast inactivating and a slow sustained phase. Heteromeric channel assembly seems to modulate.[UniProtKB/Swiss-Prot Function]