

Product datasheet for **TP303827M**

ACCN4 (ASIC4) (NM_182847) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human amiloride-sensitive cation channel 4, pituitary (ACCN4), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203827 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLSGAAGAARRGGAALAPSLTRSLAGTHAGADSCAGADKGSBKETIEERDKRQQRQRQRQHQCAGAAGS GSDSPTSGPHVPVLFPLALSLEEQLPPLPLGRAPGLLAREGQGREALASPSSRGQMPIEIVCKIKFAE EDAKPKEKEAGDEQSLLGAVAPGAAPRDLATFASTSTLHGLGRACGPGPHGLRRTLWALALLTSLAAFLY QAAGLARGYLTRPHLVAMDPAAPAPVAGFPAVTLNINRFRHSALSADADIFHLANLTGLPPKDRDGHRAA GLRYPEPDMVDILNRTGHQLADMLKSCNFSGHHCSASNFSVYTRYGKCYTFNADPRSSLPSRAGGMGSG LEIMLDIQEEYLPWRETNETSFEAGIRVQIHSQEEPPYIHLGFGVSPGFQTFVSCQEQLTYLPQPW GNCRASELREPELQGYSAVSACRLRCEKEAVLQRCHCRMVHMPDSLGGGPEGPCFCPTPCNLTRYGK EISMVRIPNRGSARYLARKYNRNETYIRENFLVLDVFFALTSEAMEQRAAYGLSALLGDLGGQMGLFIG ASILTLLEILDYIYEVSWDRLKRVWRRPKTPLRTSTGGISTLGLQELKEQSPCPSLGRAEGGGVSSLLPN HHHPHGPPGGLFEDFAC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	69.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_878267](#)

Locus ID: 55515

UniProt ID: [Q96FT7](#)

RefSeq Size: 2857

Cytogenetics: 2q35

RefSeq ORF: 1941

Synonyms: ACCN4; BNAC4

Summary: This gene belongs to the superfamily of acid-sensing ion channels, which are proton-gated, amiloride-sensitive sodium channels. These channels have been implicated in synaptic transmission, pain perception as well as mechanoperception. This gene is predominantly expressed in the pituitary gland, and was considered a candidate for paroxysmal dystonic choreoathetosis (PDC), a movement disorder, however, no correlation was found between mutations in this gene and PDC. [provided by RefSeq, Feb 2012]

Protein Families: Druggable Genome, Ion Channels: Other

Product images:



Coomassie blue staining of purified ASIC4 protein (Cat# [TP303827]). The protein was produced from HEK293T cells transfected with ASIC4 cDNA clone (Cat# [RC203827]) using MegaTran 2.0 (Cat# [TT210002]).