

## Product datasheet for **TP303827**

### ACCN4 (ASIC4) (NM\_182847) Human Recombinant Protein

#### Product data:

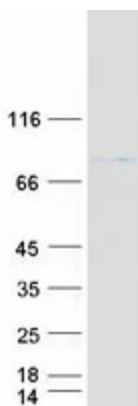
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human amiloride-sensitive cation channel 4, pituitary (ACCN4), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203827 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MLSGAAGAARRGGAALAPSLTRSLAGTHAGADSCAGADKGS HKETIEERDKRQQRQRQRQHQC GAAGS GSDSPTSGPHVPVLFPLALSLEEQLPPLPLGRAPGLLAREGQGREALASPSSRGQMPIEIVCKIKFAE EDAKPKEKEAGDEQSLLGAVAPGAAPRDLATFASTSTLHGLGRACGPGPHGLRRTLWALALLTSLAAFLY QAAGLARGYLTRPHLVAMDPAAPAPVAGFPAVTLNINRFRHSALSADADIFHLANLTGLPPKDRDGHRAA GLRYPEPDMVDILNRTGHQLADMLKSCNFSGHHCSASNFSVYTRYGKCYTFNADPRSSLPSRAGGMGSG LEIMLDIQEEYLPWRETNETSFEAGIRVQIHSQEEPPYIHLGFGVSPGFQTFVSCQEQLTYLPQPW GNCRASELREPELQGYSAVSACRLRCEKEAVLQRCHCRMVHMPDSLGGGPEGPCFCPTPCNLTRYGK EISMVRIPNRGSARYLARKYNRNETYIRENFLVLDVFFEALTSEAMEQRAAYGLSALLGDLGGQMGLFIG ASILTLLEILDYIYEVSWDRLKRVWRRPKTPLRTSTGGISTLGLQELKEQSPCPSLGRAEGGGVSSLLPN HHHPHGPPGGLFEDFAC</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_878267</a>
<b>Locus ID:</b>	55515
<b>UniProt ID:</b>	<a href="#">Q96FT7</a>
<b>RefSeq Size:</b>	2857
<b>Cytogenetics:</b>	2q35
<b>RefSeq ORF:</b>	1941
<b>Synonyms:</b>	ACCN4; BNAC4
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).