

Product datasheet for TP315051

ACCN4 (ASIC4) (NM_018674) Human Recombinant Protein

Product data:

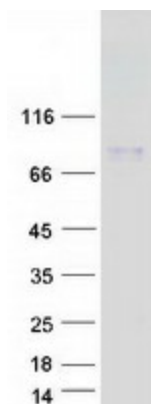
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human amiloride-sensitive cation channel 4, pituitary (ACCN4), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215051 representing NM_018674 Red =Cloning site Green =Tags(s)
	<p>MLSGAAGAARRGGAALAPSLTRSLAGTHAGADSCAGADKGSBKETIEERDKRQQRQRQRQHQCAGAAGS GSDSPTSGPHVPVLFPLALSLEEQLPPLPLGRAPGLLAREGQGREALASPSSRGQMPIEIVCKIKFAE EDAKPKEKEAGDEQSLLGAVAPGAAPRDLATFASTSTLHGLGRACGPGPHGLRRTLWALALLTSLAAFLY QAAGLARGYLTRPHLVAMDPAAPAPVAGFPAVTLNINRFRHSALSADADIFHLANLTGLPPKDRDGHRAA GLRYPEPDMVDILNRTGHQLADMLKSCNFSGHHCSASNFSVYTRYGKCYTFNADPRSSLPSRAGGMGSG LEIMLDIQEEYLPWRETNETSFEAGIRVQIHSQEEPPYIHLGFGVSPGFQTFVSCQEQLTYLPQPW GNCRASELREPELQGYSAVSACRLRCEKEAVLQRCHCRMVHMPDSLGGGPEGPCFCPTPCNLTRYGK EISMVRIPNRGSARYLARKYNRNETYIRENFLVLDVFFALTSEAMEQRAAYGLSALLGDLGGQMGLFIG ASILTLLEILDYIYEVSWDRLKRVWRRPKTPLRTSTGGISTLGLQELKEQSPCPSLGRAEGGGVSSLLPN HHHPHGPPGGLFEDFAC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	72 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_061144
Locus ID:	55515
UniProt ID:	Q96FT7
RefSeq Size:	2754
Cytogenetics:	2q35
RefSeq ORF:	263
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# TP315051). The protein was produced from HEK293T cells transfected with ASIC4 cDNA clone (Cat# [RC215051]) using MegaTran 2.0 (Cat# [TT210002]).