

Product datasheet for PH303827

ACCN4 (ASIC4) (NM_182847) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACCN4 MS Standard C13 and N15-labeled recombinant protein (NP_878267)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203827
Predicted MW:	70 kDa
Protein Sequence:	>RC203827 protein sequence Red=Cloning site Green=Tags(s)

MLSGAAGAARRGGAALAPSLTRSLAGTHAGADSCAGADKGSCHKETIEERDKRQQRQQRQHQCGGAAGS
GSDSPTSGPHPVPLFPLALSLEEQLPPLPLGRAPGLLAREGQGREALASPSSRGQMPIEIVCKIKFAE
EDAKPKEKEAGDEQSLLGAVAPGAAPRDLATFASTSTLHGLGRACGPGPHGLRRTLWALALLTSLAAFLY
QAAGLARGYLTRPHLVAMDPAAPAVAGFPAVTL CNINRFRHSALSDADIFHLANLTGLPPKDRDGHRAA
GLRYPEPDMVDILNRTGHQLADMLKSCNFSGHHCASNF SVVYTRYGKCYTFNADPRSSLP SRAGGMGSG
LEIMLDIQEEYLP IWRETNETSFEAGIRVQIHSQEPPYIHLGFGVSPGFQTFVSCQEQLTYLPQPW
GNCRAESELREPELQGYSAYSVSACRLRCEKEAVLQRCHCRMVHMPDSLGGGPEGPCFCPTPCNLTRYGK
EISMVRIPNRRSARYLARKYNRNETYIRENFLVLDVFFEALTSEAMEQRAAYGLSALLGDLGGQMGLFIG
ASILTLEILDYIYEVSWDRCLKRVRRPKTPLRTSTGGISTLGLQELKEQSPCPSLGRAEGGVSSLLPN
HHHPHGPPGGLFEDFAC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_878267
RefSeq Size:	2857



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RefSeq ORF: 1941

Synonyms: ACCN4; BNAC4

Locus ID: 55515

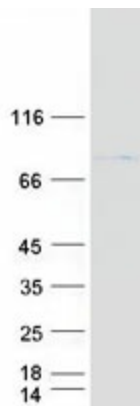
UniProt ID: [Q96FT7](#)

Cytogenetics: 2q35

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]).