

Product datasheet for **TP317623**

ACCN2 (ASIC1) (NM_001095) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human amiloride-sensitive cation channel 2, neuronal (ACCN2), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217623 protein sequence Red =Cloning site Green =Tags(s)

MELKAEVEEVGGVQPVSIQAFASSTLHGLAHIFSYERLSLKRALWALCFLGSLAVLLCVCTERVQYYFH
YHHVTKLDEVAASQLTFPAVTLNLFNFRFSQVSKNDLYHAGELLALLNNRYEIPDTQMADEKQLEILQD
KANFRSFKPKPFNMREFYDRAGHDIRDMLLSCHFRGEVCSAEDFKVVFTRYGKCYTFNSGRDGRPRLKTM
KGGTGNLEIMLDIQDEYLPVWGETDETSFEAGIKVQIHSQDEPPFIDQLGFGVAPGFQTFVACQEQL
IYLPWPWGTCKAVTMDSLDFFDSYSITACRIDCETRYLVENCNCRMVHMPGDAPYCTPEQYKECADPAL
DFLVEKDQEYCVCEMPCNLTRYGKELSMVKIPSKASAKYLAKKFNKSEQYIGENILVLDIFFEVLNYETI
EQKKAYEIAGLLDIGGQMGLFIGASILTVLELFDYAYEVIKHKLCRRGKCQKEAKRSSADKGVALSDD
VKRHNPCESLRGHPAGMTYAANILPHHPARGTFEDFTC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	59.7 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_001086](#)

Locus ID: 41

UniProt ID: [P78348](#), [A8K1U5](#)

RefSeq Size: 3873

Cytogenetics: 12q13.12

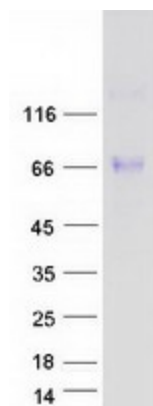
RefSeq ORF: 1584

Synonyms: ACCN2; ASIC; BNaC2

Summary: This gene encodes a member of the acid-sensing ion channel (ASIC) family of proteins, which are part of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. Members of the ASIC family are sensitive to amiloride and function in neurotransmission. The encoded proteins function in learning, pain transduction, touch sensation, and development of memory and fear. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012]

Protein Families: Druggable Genome, Ion Channels: Other

Product images:



Coomassie blue staining of purified ASIC1 protein (Cat# TP317623). The protein was produced from HEK293T cells transfected with ASIC1 cDNA clone (Cat# [RC217623]) using MegaTran 2.0 (Cat# [TT210002]).