

Product datasheet for PH317623

ACCN2 (ASIC1) (NM_001095) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACCN2 MS Standard C13 and N15-labeled recombinant protein (NP_001086)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217623
Predicted MW:	59.9 kDa
Protein Sequence:	>RC217623 protein sequence Red=Cloning site Green=Tags(s)

MELKAEVEEVGGVQPVSIQAFASSTLHGLAHIFSYERLSLKRALWALCFLGSLAVLLCVCTERVQYYFH
YHHVTKLDEVAASQLTFPAVTLNLFNFRFSQVSKNDLYHAGELLALLNNRYEIPDTQMADEKQLEILQD
KANFRSFKPKPFNMREFYDRAGHDIRDMLLSCHFRGEVCSAEDFKVVFTRYGKCYTFNSGRDGRPRLKTM
KGGTGNGLEIMLDIQQDEYLPVWGETDETSFEAGIKVQIHSQDEPPFIDQLGFGVAPGFQTFVACQEQL
IYLPWPWTCKAVTMSDLDFDYSITACRIDCETRYLVENCNCRMVHMPGDAPYCTPEQYKECADPAL
DFLVEKDQEYCVCEMPCNLTRYGKELSMVKIPSKASAKYLAKKFNKSEQYIGENILVLDIFFEVLNYETI
EQKKAYEIAGLLDIGGQMLFIGASILTVLELFDYAYEVIKHKLCRRGKCQKEAKRSSADKGVALSDD
VKRHNPCESLRGHPAGMTYAANILPHHPARGTFEDFTC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_001086</u>
RefSeq Size:	3873
RefSeq ORF:	1584



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Synonyms: ACCN2; ASIC; BNaC2

Locus ID: 41

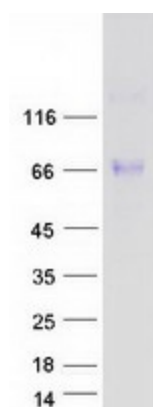
UniProt ID: [P78348](#), [A8K1U5](#)

Cytogenetics: 12q13.12

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]).