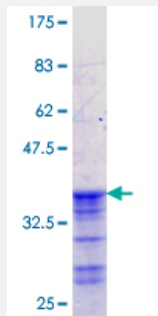


ACCN2 (Human) Recombinant Protein (Q01)

Catalog # H00000041-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ACCN2 partial ORF (NP_064423.2, 96 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NEFRFSQVSKNDLYHAGELLALLNNRYEIPDTQMADEKQLEILQDKANFRSFKPKPFNMREFYDR AGHDIRDMLLSCHFRGEVCSAEDFK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ACCN2

Entrez GeneID [41](#)

GeneBank Accession# [NM_020039](#)

Protein Accession# [NP_064423.2](#)

Gene Name ACCN2

Gene Alias ASIC, ASIC1, ASIC1A, BNaC2, hBNaC2

Gene Description amiloride-sensitive cation channel 2, neuronal

Omim ID [602866](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, 2 hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this gene is expressed in most if not all brain neurons, and it may be an ion channel subunit; however, its function as an ion channel remains unknown. Alternative splicing of this gene generates 2 transcript products. [provided by RefSeq]

Other Designations Cation channel, amiloride-sensitive, neuronal, 2|acid-sensing ion channel 1a protein

Disease

- [Anxiety Disorders](#)
- [Depressive Disorder](#)

- [Diseases in Twins](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Personality Inventory](#)