

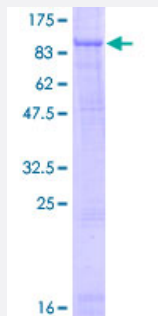
Full-Length

SCNN1G (Human) Recombinant Protein (P02)

Catalog # H00006340-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SCNN1G full-length ORF (NP_001030.2, 1 a.a. - 649 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPGEKIKAKIKKNLPVTGPQAPTIKELMRWYCLNTNTHGCRRMVSRGRLRRLWIGFTLTAVAIL
WQCALLVFSFYTVSVSIKVHFRKLDPAVTICNINPYKYSTVRHLLADLEQETREALKSLYGFPESR
KRREAESWNSVSEGKQPRFSHRIPLLFDQDEKGKARDFFTGRKRKVGGSIHKASNVMHIESKQ
VVGFLCSNDTSDCATYTFSSGINAIQEWYKLHYMNIMAQVPLEKKINMSYSAEELLVTCFFDGVS
CDARNFTLFHHPMHGNCYTFNNRENETILSTSMGGSEYGLQVILYNEEEEYNPFLVSSTGAKVIIHRQ
DEYPFVEDVGTEIETAMVTSIGMHLTESFKLSEPYSQCTEDGSDVPIRNIYNAAYSLQICLHSCFQT
KMVEKCGCAQYSQPLPPAANYCNYQQHPNWMYCYQLHRAFVQEELGCQSVCKEACSFKEWT
LTTSLAQWPSVVSEKWLLPVLTDQGRQVNKKLNKTDLAKLLIFYKDLNQRSIMESPANSIEMLLS
NFGGQLGLWMSCSVVCVIEIIEVFFIDFFSIIARRQWQKAKEWWAWKQAPPCPEAPRSPQGQDN
PALDIDDLPTFNSALHLPALGTQVPPTPPKYNTLRLEAFSNQLTDTQMLDEL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

100.7

Interspecies Antigen Sequence

Mouse (85)

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 — SCNN1G

Entrez GeneID	6340
GeneBank Accession#	NM_001039.2
Protein Accession#	NP_001030.2
Gene Name	SCNN1G
Gene Alias	ENaCg, ENaCgamma, PHA1, SCNEG
Gene Description	sodium channel, nonvoltage-gated 1, gamma
Omim ID	177200 264350 600761
Gene Ontology	Hyperlink
Gene Summary	Nonvoltage-gated, amiloride-sensitive, sodium channels control fluid and electrolyte transport across epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunits: alpha, beta, and gamma. This gene encodes the gamma subunit, and mutations in this gene have been associated with Liddle syndrome. [provided by RefSeq]
Other Designations	ENaC gamma subunit amiloride-sensitive epithelial sodium channel gamma subunit

Pathway

- [Taste transduction](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypotension](#)