Recombinant Human SCNN1G, His-tagged

Cat. No. SCNN1G-3417H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Amiloride-sensitive sodium channel subunit gamma (SCNN1G)
Species	Human
Source	E.Coli/Yeast
ProteinLength	649
Description	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.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of SCNN1G recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

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Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	SCNN1G sodium channel, non-voltage-gated 1, gamma subunit [Homo sapiens]
Official Symbol	SCNN1G
Synonyms	SCNN1G; sodium channel, non-voltage-gated 1, gamma subunit; sodium channel, non voltage gated 1, gamma , sodium channel, nonvoltage gated 1, gamma; amiloride-sensitive sodium channel subunit gamma; ENaCgamma; SCNEG; gamma-ENaC; gamma-NaCH; ENaC gamma subunit; epithelial Na(+) channel subunit gamma; sodium channel, nonvoltage-gated 1, gamma; nonvoltage-gated sodium channel 1 subunit gamma; amiloride-sensitive sodium channel gamma-subunit; amiloride-sensitive epithelial sodium channel gamma subunit; PHA1; BESC3; ENaCg;
Gene ID	6340
mRNA Refseq	NM_001039
Protein Refseq	NP_001030
MIM	600761
UniProt ID	P51170
Chromosome Location	16p12

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Pathway	Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Taste transduction, organism-specific biosystem; Taste transduction, conserved biosystem;
Function	WW domain binding; ion channel activity; ligand-gated sodium channel activity; protein binding; sodium channel activity;

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