Recombinant Human SCNN1D protein, His-tagged

Cat. No. SCNN1D-3653H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCNN1D protein(108-364 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	108-364 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ERHWHRPVLMAVSVHSERKLLPLVTLCDGNPRRPSPVLRHLELLDEFARENIDSLYN VNLSKGRAALSATVPRHEPPFHLDREIRLQRLSHSGSRVRVGFRLCNSTGGDCFYR GYTSGVAAVQDWYHFHYVDILALLPAAWEDSHGSQDGHFVLSCSYDGLDCQARQF RTFHHPTYGSCYTVDGVWTAQRPGITHGVGLVLRVEQQPHLPLLSTLAGIRVMVHG RNHTPFLGHHSFSVRPGTEATISIREDEVHRLG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	SCNN1D sodium channel, non-voltage-gated 1, delta subunit [Homo sapiens]
Official Symbol	SCNN1D
Synonyms	SCNN1D; sodium channel, non-voltage-gated 1, delta subunit; sodium channel, non voltage gated 1, delta , sodium channel, nonvoltage gated 1, delta; amiloride-sensitive sodium channel subunit delta; dNaCh; ENaCdelta; delta-ENaC; delta-NaCH; epithelial Na(+) channel subunit delta; sodium channel, nonvoltage-gated 1, delta; nonvoltage-gated sodium channel 1 subunit delta; sodium channel, voltage-gated, type I, delta polypeptide; ENaCd; SCNED; MGC149710; MGC149711;
Gene ID	6339
mRNA Refseq	NM_001130413
Protein Refseq	NP_001123885
MIM	601328
UniProt ID	P51172

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