

SCN9A recombinant protein

Recombinant Human SCN9A

CATALOG #
AAA250163

HOST
E Coli

PRODUCT SYNONYMS

SCN9A; Recombinant Human SCN9A; ETHA; hNE Na; Nav1.7; NE NA; NENA; Neuroendocrine sodium channel; Peripheral sodium channel 1; PN1; SCN9A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 10 mM Hepes, 150 mM NaCl with 5% trehalose, pH 7.4
Sequence Positions	1760-1988
Species	Human
Tag	N-terminal His-Tag
Reconstitution	Centrifuge the vial before opening, reconstitute in sterile distilled water to a concentration of 0.1-1 mg/ml by gently pipetting 2-3 times, don't vortex
Preparation and Storage	The lyophilized protein is stable at -20°C for up to 1 year. For extended storage, it is recommended to further dilute in working aliquots after reconstitution. The protein solution is stable at ≤ -20°C for 3 months, or 2-7 days at 2-8°C under sterile conditions. Avoid repeated freeze/thaw cycle.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506813
NCBI GeneID	6335
NCBI Accession #	NP_002968.1
NCBI GenBank Nucleotide #	NM_002977.3
UniProt Accession #	Q15858 ; Q6B4R9 ; Q6B4S0 ; Q6B4S1 ; Q70HX1 ; Q70HX2 ; Q8WTU1 ; Q8WWN4 ; A1BUH5
Molecular Weight	28.1 kDa under reducing conditions
NCBI Official Full Name	sodium channel protein type 9 subunit alpha
NCBI Official Synonym Full Names	sodium channel, voltage-gated, type IX, alpha subunit
NCBI Official Symbol	SCN9A
NCBI Official Synonym Symbols	PN1; ETHA; NENA; SFNP; FEB3B; NE-NA; GEFSP7; Nav1.7
NCBI Protein Information	sodium channel protein type 9 subunit alpha; hNE-Na; peripheral sodium channel 1; neuroendocrine sodium channel; sodium channel protein type IX subunit alpha; voltage-gated sodium channel alpha subunit Nav1.7; voltage-gated sodium channel subunit alpha Na
UniProt Protein Name	Sodium channel protein type 9 subunit alpha
UniProt Gene Name	SCN9A

UniProt Synonym Gene Names	NENA; hNE-Na; PN1
UniProt Entry Name	SCN9A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/scn9a-recombinant-protein-e-coli/250163>