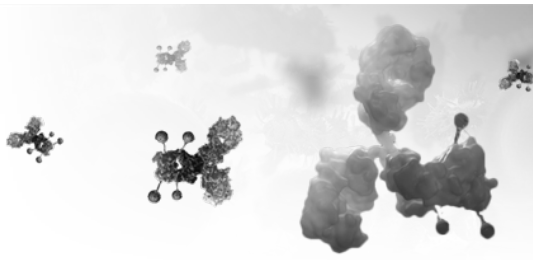

SCNN1B blocking peptide (DAG-P1154)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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 beta subunit, and mutations in this gene have been associated with pseudohypoaldosteronism type 1 (PHA1), and Liddle syndrome. [provided by RefSeq, Apr 2009]
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the amiloride-sensitive sodium channel (TC 1.A.6) family. SCNN1B subfamily.
Format	Liquid
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	SCNN1B sodium channel, non-voltage-gated 1, beta subunit [Homo sapiens (human)]
Official Symbol	SCNN1B
Synonyms	SCNN1B; sodium channel, non-voltage-gated 1, beta subunit; BESC1; ENaCb; SCNEB; ENaCbeta; amiloride-sensitive sodium channel subunit beta; beta-ENaC; beta-NaCH; epithelial Na(+) channel subunit beta; epithelial sodium channel beta-2 subunit; epithelial sodium channel beta-3 subunit; sodium channel, nonvoltage-gated 1, beta; nasal epithelial sodium channel beta subunit; nonvoltage-gated sodium channel 1 subunit beta; amiloride-sensitive sodium channel subunit beta 1;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Entrez Gene ID	6338
mRNA Refseq	NM_000336.2
Protein Refseq	NP_000327.2
UniProt ID	B2R812
Chromosome Location	16p12.2-p12.1
Pathway	Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Ion channel transport, organism-specific biosystem; Stimuli-sensing channels, organism-specific biosystem; Taste transduction, organism-specific biosystem; Taste transduction, conserved biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	WW domain binding; contributes_to ligand-gated sodium channel activity; protein binding;

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