

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	SCNNB
Synonyms	BESC1, ENaCb, ENaCbeta, LIDLS1, SCNEB
Description	Human SCNNB-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P51168
Expression Host	HEK293
Protein Families	Ion Channels: Other
Protein Pathways	N/A
Molecular Weight	The human full length SCNNB-Strep protein has a MW of 72.7 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

