

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	ICLN
Synonyms	CLCI, CLNS1B, ICLN
Description	Human ICLN-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P54105
Expression Host	HEK293
Protein Families	Ion Channels: Other
Protein Pathways	N/A
Molecular Weight	The human full length ICLN-Strep protein has a MW of 26.2 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	This gene encodes a protein that functions in multiple regulatory pathways. The encoded protein complexes with numerous cytosolic proteins and performs diverse functions including regulation of small nuclear ribonucleoprotein biosynthesis, platelet activation and cytoskeletal organization. The protein is also found associated with the plasma membrane where it functions as a chloride current regulator. Pseudogenes of this gene are found on chromosomes 1, 4 and 6. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]
Usage	Research use only
Conjugate	Unconjugated

