

PRODUCT INFORMATION

Tag	C-Flag Tag
Target	ZACN
Synonyms	L2, LGICZ, LGICZ1, ZAC, ZAC1
Description	Human ZACN full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q401N2
Expression Host	HEK293
Protein Families	Ion Channels: Other
Protein Pathways	N/A
Molecular Weight	The human full length ZACN protein has a MW of 45.8kDa
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	LGICZ1 is a zinc-activated ligand-gated ion channel that defines a new subgroup of the cysteine-loop superfamily of ligand-gated ion channels (Davies et al., 2003 [PubMed 12381728]).[supplied by OMIM, Mar 2008]
Usage	Research use only
Conjugate	Unconjugated

