

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	CXD2
Synonyms	CX36, GJA9
Description	Human CXD2-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q9UKL4
Expression Host	HEK293
Protein Families	Ion Channels: Other
Protein Pathways	N/A
Molecular Weight	The human full length CXD2-Strep protein has a MW of 36.1 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 member of the connexin protein family. Connexins are gap junction proteins which are arranged in groups of 6 around a central pore to form a connexon, a component of the gap junction intercellular channel. The channels formed by this protein allow cationic molecule exchange between human beta cells and may function in the regulation of insulin secretion. [provided by RefSeq, Oct 2012]
Usage	Research use only
Conjugate	Unconjugated

