

PRODUCT INFORMATION

Target	HCN3
Synonyms	N/A
Description	Human HCN3 full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q9P1Z3
Expression Host	HEK293
Protein Families	Ion Channels: Cyclic nucleotide gated
Protein Pathways	N/A
Molecular Weight	The human full length HCN3 protein has a MW of 86kDa
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 pH lower than 6.5 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 multi-pass membrane protein that functions as a voltage gated cation channel. The encoded protein is a member of a family of closely related cyclic adenosine monophosphate-binding channel proteins. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Usage	Research use only

