

Recombinant Human HCN4 Protein, GST-tagged

Cat. No. HCN4-4630H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HCN4 partial ORF (NP_005468.1, 1105 a.a. - 1203 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the hyperpolarization-activated cyclic nucleotide-gated potassium channels. The encoded protein shows slow kinetics of activation and inactivation, and is necessary for the cardiac pacemaking process. This channel may also mediate responses to sour stimuli. Mutations in this gene have been linked to sick sinus syndrome 2, also known as atrial fibrillation with bradyarrhythmia or familial sinus bradycardia. Two pseudogenes have been identified on chromosome 15. [provided by RefSeq]
Molecular Mass	36.63 kDa
AA Sequence	SPHSSGESMAAFPLFPRAGGGSGGSGSSGGLGPPGRPYGAIPGQHVTLPKRTSSG SLPPPLSLFGARATSSGGPPLTAGPQREPGARPEPVRSKLPSNL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

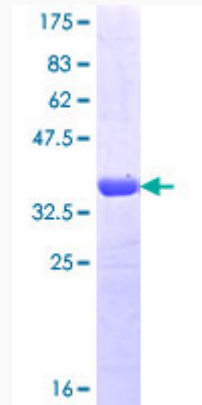
Gene Name	HCN4 hyperpolarization activated cyclic nucleotide-gated potassium channel 4 [Homo sapiens]
Official Symbol	HCN4
Synonyms	HCN4; hyperpolarization activated cyclic nucleotide-gated potassium channel 4; potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4; hyperpolarization activated cyclic nucleotide-gated cation channel 4; SSS2;
Gene ID	10021
mRNA Refseq	NM_005477
Protein Refseq	NP_005468
MIM	605206
UniProt ID	Q9Y3Q4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA