

Datasheet for ABIN7554063  
**HCN3 Protein (AA 1-774) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HCN3
Protein Characteristics:	AA 1-774
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HCN3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat HCN3 Protein expressed in mammalien cells.
Sequence:	MEAEQRPAAG ASEGATPGL E AVPPVAPPPA TAASGPIPKS GPEPKRRHLG TLLQPTVNKF SLRVFGSHKA VEIEQERVKS AGAWIIHPYS DFRFYWDLIM LLLMVGNLIV LPVGITFFKE ENSPPWIVFN VLSDTFFLLD LVLNFRGTGIV VEEGAEILLA PRAIRTRYLR TWFLVDLISS IPVDYIFLVV ELEPRLDAEV YKTARALRIV RFTKILSLLR LLRLSRLIRY IHQWEEIFHM TYDLASAVVR IFNLIGMMLL LCHWDGCLQF LVPMLQDFPP DCWVSINHMV NHSWGRQYSH ALFKAMSHML CIGYGQQAPV GMPDVWL TML SMIVGATCYA MFIGHATALI QSLDSSRRQY QEKYKQVEQY MSFHKL PADT RQRIHEYEH RYQGKMFDEE SILGELSEPL REEIINF TCR GLVAHMP LFA HADPSFVTAV LTKLRF EFVQ PGDLVVREGS VGRKMYFIQH GLLSVLARGA RDTRLTDGSY FGEICLLTRG RRTASVRADT YCRLYSLSVD HFNAVLEEF P MMRRAFETVA MDRLLRIGKK NSILQRKRSE PSPGSSGGIM EQHLVQH DRD MARGVRGRAP STGAQLSGKP VLWEPLVHAP LQAAAVTSNV AIALTHQRGP LPLSPDSPAT LLARSAW RSA GSPASPLVPV RAGPWASTSR

## Product Details

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LPAPPARTLH ASLSRAGRSQ VSLLGPPPGG GRRRLGPRGR PLSASQPSLP QRATGDGSPG  
RKGGSGSERLP PSGLLAKPPR TAQPPRPPVP EPATPRGLQL SANM **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

HCN3

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### Alternative Name:

HCN3 ([HCN3 Products](#))

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### Background:

Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3,FUNCTION: Hyperpolarization-activated potassium channel. May also facilitate the permeation of sodium ions. {ECO:0000269|PubMed:16043489}.

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### Molecular Weight:

86.0 kDa

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### UniProt:

[Q9P1Z3](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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