

Recombinant Full Length Mouse Potassium/Sodium Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel 3(Hcn3) Protein, His-Tagged

Cat. No. RFL27007MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3(Hcn3) Protein (O88705) (1-779aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length (1-779)

Form Lyophilized powder

AA Sequence

```

MEEEARPAAGAGEAATPARETPPAAPAQARAASGGVPESAPEPKRRQLGTLLQPT
V NKFS LRVFGSHKAVEIEQERVKSAGAWIIHPYSDFRFYWDLIMLLLVMGNLIVLPVG
ITFFKEE NSPPWIVFNVLSDTFFLLDLVLFNFRGTIVVEEGAEILLAPRAIRTRYLRTWFL
VDLISSI PVDYIFLVVELEPRLD AEVYKTARALRIVRFTKILSLLRLLRSLRIRYIHQWE
EIFHMT YDLASAVVRIFNLIGMMLLLCHWDGCLQLVPMQLQDFPSDCWVSMNRMV
NHSWGRQYSHA LFKAMSHMLCIGYGQQAPVGM PDVWLTMLSMIVGATCYAMFIG
HATALIQSLDSSRRQYQ EKYKQVEQYMSFHKL PADTRQRIHEYEHRYQGKMFDE
ESILGELSEPLREEIINFTCRG LVAHMPLFAHADPSFVTAVLTKLRFEVFQPGDLVVR
EGSVGRKMYFIQHGLLSVLARGAR DTRLTDGSYFGEICLLTRGRRTASVRADTYCR
LYSLSVDHFNAVLEEFPMRRRAFETVAM DRLRRIGKKN SILQRKRSEPSPGSSGGV
    
```

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

MEQHLVQHDRDMARGVVRGLAPGTGARLSGKPV LWEPLVHAPLQAAAVTSNVAIAL
 THQRGPLPLSPDSPATLLARSARRSAGSPASPLVPVR AGPLLARGPWASTSRLPAP
 PARTLHASLSRTGRSQVSLGPPPGGGARRLGPRGRPLSAS QPSLPQRATGDGSP
 RRGSGSERLPPSGLLAKPPGTVQPPRSSVPEPVTPRGPQISANM

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Hcn3

Synonyms Hcn3; Hac3; Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3; Hyperpolarization-activated cation channel 3; HAC-3

UniProt ID [O88705](https://www.uniprot.org/entry/O88705)

 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