

Recombinant Full Length Human Potassium Voltage-Gated Channel Subfamily A Member 4(Kcna4) Protein, His-Tagged

Cat. No. RFL9488HF Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Full Length Human Potassium voltage-gated channel subfamily A member 4(KCNA4) Protein (P22459) (1-307aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Full Length (1-307) |
| Form | Lyophilized powder |
| AA Sequence | MEVAMVSAESSGCNSHMPYGYAAQARARERERLAHSRAAAAAVAATAAVEGS GGSGGGSHHHQSRGACTSHDPQSSRGRSRRRRRQRSEKKKAHYRQSSFPHCSD LMPSGSEEKILRELSEEEEEEEEEEEEEEEEEGRFYSEDDHGDECSYTDLLPQDEGG GGYSSVRYSDCCERVVINVSGLRFETQMKTLAQFPETLLGDPEKRTQYFDPLRNEY FFDRNRPSFDAILYYYQSGGRLKRPVNVPFDFITTEEVKQFYQLGEEALLKFREDEGFV REEEDRALPENEFKKQIWLLFEYPESSSPAR |
| 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 |

 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

for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple 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

KCNA4

Synonyms

KCNA4; KCNA4L; Potassium voltage-gated channel subfamily A member 4; HPCN2; Voltage-gated K(+ channel HuKII; Voltage-gated potassium channel HBK4; Voltage-gated potassium channel HK1; Voltage-gated potassium channel subunit Kv1.4

UniProt ID

[P22459](https://www.uniprot.org/entry/P22459)

 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