

Recombinant Full Length Human Potassium Voltage-Gated Channel Subfamily A Member 3(Kcna3) Protein, His-Tagged

Cat. No. RFL39HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Potassium voltage-gated channel subfamily A member 3(KCNA3) Protein (P22001) (1-575aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-575)

Form Lyophilized powder

AA Sequence

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MDERLSLLRSPPPPSARHRAHPPQRPASSGGAHTLVNHGYAEPAAAGRELPPDMTV
VPGDH LLEPEVADGGGAPPQGGCGGGGCDRYEPLPPSLPAAGEQDCCGERVVINI
SGLRFETQLK TLCQFPETLLGDPKRRMRYFDPLRNEYFFDRNRPSFDAILYYYQSG
GRIRRPVNVPIDIF SEEIRFYQLGEEAMEKFREDEGFLREEERPLPRRDFQRQVWLL
FEYPESSGPARGIAIVS VLVILISIVIFCLETLPEFRDEKDYPASTSQDSFEAAGNSTS
GSRAGASSFSDPFFVET LCIWFSEFELLVRRFFACPSKATFSRNIMNLIDIVAIIPYFITL
GTELAERQGNQQAAMSL AILRVIRLVRVFRIFKLSRHSKGLQILGQTLKASMRELGLL
IFFLFIGVILFSSAVYFAE ADDPTSGFSSIPDAFWWAVVTMTTVGYGDMHPVTIGGKI
VGSLCAIAGVLTIALPVPVIV SNFNIFYHRETEGEEQSQYMHV GSCQHLSSSAEELR
KARSNSTLSKSEYMVIEEGMNHS AFPQTPFKTGNSTATCTTNNNPNSCVNIKKIFT
DV
    
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|-----------------------|---|
| 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 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

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|-------------------|---|
| Gene Name | KCNA3 |
| Synonyms | KCNA3; HGK5; Potassium voltage-gated channel subfamily A member 3; HLK3; HPCN3; Voltage-gated K(+ channel HuKIII; Voltage-gated potassium channel subunit Kv1.3 |
| UniProt ID | P22001 |

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