

Recombinant Full Length Human Potassium Voltage-Gated Channel Subfamily E Member 1(Kcne1) Protein, His-Tagged

Cat. No. RFL27524HF Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Full Length Human Potassium voltage-gated channel subfamily E member 1(KCNE1) Protein (P15382) (1-129aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Full Length (1-129) |
| Form | Lyophilized powder |
| AA Sequence | MILSNTTAVTPFLTKLWQETVQQGGNMSG LARRSPRSSDGKLEALYVLMVLGFFGF FTLGIMLSYIRSKKLEHSNDPFNVYIESDAWQEKDKAYVQARVLESYRSCYVVENHL AIEQPNTLHPETKPS |
| 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 |

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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 KCNE1

Synonyms KCNE1; Potassium voltage-gated channel subfamily E member 1; Delayed rectifier potassium channel subunit IsK; IKs producing slow voltage-gated potassium channel subunit beta Mink; Minimal potassium channel

UniProt ID [P15382](#)

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