

## Recombinant Human KCNH8 protein, His-tagged

**Cat. No.** KCNH8-4344H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KCNH8 protein(Q96L42)(899-1107aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 899-1107aa                                                                                                                                                                                                                         |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 26.5 kDa                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | LSPQQPSRFCSLHSTVCPSRESLQTRTSWSAHQPCLHLQTGGAAAYTQAQLCSSNI<br>TSDIWSVDPSSVGSSPQRTGAHEQNPADSELYHSPSLDYSPSHYQVVQEGHLQFL<br>RCISPHSDSTLTPLQSISATLSSSVCSSETSLLHLVLP SRSEEGSFSQGT VSSFSLEN<br>LPGSWNQEGMASASTKPLENLPLEVVTSTA EVKDNKAINV   |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                           |

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**Reconstitution**

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.

**GENE INFORMATION**
**Gene Name**

KCNH8 potassium voltage-gated channel, subfamily H (eag-related), member 8 [ Homo sapiens ]

**Official Symbol**

KCNH8

**Synonyms**

KCNH8; potassium voltage-gated channel, subfamily H (eag-related), member 8; potassium voltage-gated channel subfamily H member 8; elk3; Kv12.1; hElk1; ELK channel 3; ether-a-go-go-like potassium channel 1; ether-a-go-go-like potassium channel 3; voltage-gated potassium channel subunit Kv12.1; ELK; ELK1;

**Gene ID**

131096

**mRNA Refseq**

NM\_144633

**Protein Refseq**

NP\_653234

**MIM**

608260

**UniProt ID**

Q96L42

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