

Recombinant Human KCNH8 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human KCNH8 protein(Q96L42)(899-1107aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	899-1107aa
Form	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.
Molecular Mass	26.5 kDa
AA Sequence	LSPQQPSRFCSLHSTVCPSRESLQTRTSWSAHQPCLHLQTGGAAAYTQAQLCSSNI TSDIWSVDPSSVGSSPQRTGAHEQNPADSELYHSPSLDYSPSHYQVVQEGHLQFL RCISPHSDSTLTPLQSISATLSSSVCSSETSLLHLVLP SRSEEGSFSQGT VSSFSLEN LPGSWNQEGMASASTKPLENLPLEVVTSTA EVKDNKAINV
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	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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