

Recombinant Human KCNA7 protein, GST-tagged

Cat. No. KCNA7-301232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNA7 (410-456 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala410-Val456
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	AGMFSHVDTQPCGPLEGKANGGLVDGEVPELPPPLWAPPGKHLVTEV
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	KCNA7 potassium voltage-gated channel, shaker-related subfamily, member 7 [Homo sapiens]
Official Symbol	KCNA7
Synonyms	KCNA7; potassium voltage-gated channel, shaker-related subfamily, member 7; potassium voltage-gated channel subfamily A member 7; HAK6; Kv1.7; voltage-gated potassium channel KCNA7; voltage-dependent potassium channel Kv1.7; voltage-gated potassium channel subunit Kv1.7; KV1.7;
Gene ID	3743
mRNA Refseq	NM_031886
Protein Refseq	NP_114092
MIM	176268
UniProt ID	Q96RP8

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