

Recombinant Human KRT14 protein, GST-tagged

Cat. No. KRT14-30177H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT14 (262-472 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly262-Asn472
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	GQVGGDVNVEMDAAPGVDLRILNEMRDQYEKMAEKNRKDAEEWFFTKTEELNRE VATNSELVQSGKSEISELRRTMQNLEIELQSQLSMKASLENSLEETKGRYCMQLAQI QEMIGSVEEQLAQLRCEMEQQNQEYKILLDVKTRLEQEIATYRRLLGEDAHLSSSQ FSSGSQSSRDVTSSSRQIRTKVMDVHDGKVVSTHEQVLRITKN
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

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cycles.

GENE INFORMATION

Gene Name [KRT14 keratin 14 \[Homo sapiens \]](#)

Official Symbol [KRT14](#)

Synonyms

KRT14; keratin 14; EBS3, EBS4, keratin 14 (epidermolysis bullosa simplex, Dowling Meara, Koebner); keratin, type I cytoskeletal 14; epidermolysis bullosa simplex; Dowling Meara; Koebner; CK-14; keratin-14; cytokeratin 14; cytokeratin-14; keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner); K14; NFJ; CK14; EBS3; EBS4;

Gene ID [3861](#)

mRNA Refseq [NM_000526](#)

Protein Refseq [NP_000517](#)

MIM [148066](#)

UniProt ID [P02533](#)

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