

Recombinant Human KRT80 protein, His-tagged

Cat. No. KRT80-471H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT80 protein(1-422 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-422 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MACRSCVVGFSLSLSSCEVTPVGSPRPGTSGWDSCRAPGPGFSSRSLTGCWSAGTI SKVTVNPGLLVPLDVKLDPAVQQLKNQEKEEMKALNDKFASLIGKVQALEQRNQLLE TRWSFLQGQDSAIFDLGHLYEEYQGRLQEELRKVSQERGQLEANLLQVLEKVEEFRI RYEDEISKRTDMEFTFVQLKKDLDAECLHRTELETKLKSLESFVELMKTIEQELKDL AAQVKDVSVTVGMDSRCHIDLSGIVEEVKAQYDAVAARSLEEAEAYSRSQLEEQA RSAEYGSSLQSSRSEIADLNVRIQKLRSQILSVKSHCLKLEENIKTAEQGEAFQDA KTKLAQLEAALQQAQDMARQLRKYQELMNVKLALDIEIATYRKLVEGEEGRMDSP SATVVS AVQSRCKTAPSLPYPLCSL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name KRT80 keratin 80 [Homo sapiens]

Official Symbol KRT80

Synonyms

KRT80; keratin 80; keratin, type II cytoskeletal 80; KB20; K80; CK-80; keratin-80; keratin b20; cytokeratin-80; type II keratin; type-II keratin Kb20;

Gene ID 144501

mRNA Refseq NM_001081492

Protein Refseq NP_001074961

MIM 611161

UniProt ID Q6KB66

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SDS-PAGE

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