

Recombinant Human KRT18 protein, GST-tagged

Cat. No. KRT18-487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT18 protein(NP_000215)(127-430 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	127-430 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.
AA Sequence	SHYFKIIEDLRAQIFANTVDNARIVLQIDNARLAADDFRVKYETELAMRQSVENDIHGL RKVIDDTNITRLQLETEIEALKEELLFMKKNHEEEVKGLQAQIASSGLTVEVDAPKSQ DLAKIMADIRAQYDELARKNREELDKYWSQQIEESTTVVTTQSAEVGAAETTLTELRL RTVQSLEIDLDSMRNLKASLENSLREVEARYALQMEQLNGILLHLESELAQTRAEGQ RQAQEYEALLNIKVKLEAEIATYRRLLEDGEDFNLDALDSSNSMQTIQKTTTRRIVD GKVVSETNDTKVLRH
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [KRT18 keratin 18 \[Homo sapiens \]](#)

Official Symbol [KRT18](#)

Synonyms KRT18; keratin 18; keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein; K18; CYK18;

Gene ID [3875](#)

mRNA Refseq [NM_000224](#)

Protein Refseq [NP_000215](#)

MIM [148070](#)

UniProt ID [P05783](#)

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