



Recombinant Human KRT38 Protein Product Manual

1. Product Basic Information

Product No.: REP07311

Protein Name: Keratin 38 (KRT38)

Aliases: HA8; K38; hHa8; KRTHA8; keratin 38; keratin 38, type hair keratin, type I Ha8

UniProt ID: O76015

UniProt Link: <https://www.uniprot.org/uniprotkb/O76015/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-456aa)

Molecular Weight: 66.3kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (2-456aa)

TSSYSSSSCPLGCTMAPGARNVSVSPIDIGCQPGAEANIAPMCLLANVAHANRVRV
GSTPLGRPSLCLPPTCHTACPLPGTCHIPGNIGICGAYGENTLNGHEKETMQFLND
RLANYLEKVRQLEQENAELEATLLERSKCHESTVCPDYQSYFHTIEELQQKILCSKA
ENARLIVQIDNAKLAADDFRIKLESERSLRQLVEADKCGTQKLLDDATLAKADLEAQ
QESLKEEQQLSLKSNHEQEVLKILRSQLEKLRIELDIEPTIDLNRVLGEMRAQYEAMLE
TNRQDVEQWFQAQSEGISLQDMSCSEELQCCQSEILELRCTVNALEVERQAQHTL
KDCLQNSLCEAEDRFGTELAQMQLISNVEEQLSEIRADLERQNQEQVLLDVKTR
LENEIATYRNLLSEEDCKLPCNPCSTSPSCVTAPCAPRPSCGPCTTCGPTCGASTT
GSRF

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human KRT38 full length of mature protein protein (2-456aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. KRT38, also known as HA8 or K38 or hHa8, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.