



Recombinant Human KERA Protein Product Manual

1. Product Basic Information

Product No.: REP07282

Protein Name: Keratan Sulfate Proteoglycan Keratocan (KERA)

Aliases: KTN; CNA2; SLRR2B; keratocan; keratan sulfate proteoglycan keratocan

UniProt ID: O60938

UniProt Link: <https://www.uniprot.org/uniprotkb/O60938/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (21-352aa)

Molecular Weight: 45.1 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (21-352aa)

RSVRQVYEVHDSDDWTIHDFECPMECFPPSFPTALYCENRGLKEIPAIPSRIWYLY
LQNNLIETIPEKPFENATQLRWINLNKNKITNYGIEKGALSQKLLFLFLEDNEEEV
PSPLPRSLEQLQLARNKVSRI PQGTFSNLENLTLLDLQNNKLVDNAFQRDTFKGLKN
LMQLNMAKNALRNMPPRLPANTMQLFLDNNSIEGIPENYFNVIPKVAFLRLNHNKLS
DEGLPSRGFDVSSILDQLSHNQLTKVPRISAHQLHLHDHNKIKSVNVSVICPSPSM
LPAERDSFSYGPHRLRYLRDLGNEIKPPIPMALMTCFRLLQAVII

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

5. Product Description

This product is a recombinant Human KERA full length of mature protein protein (21-352aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. KERA, also known as KTN or CNA2 or SLRR2B, 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.