



Recombinant Human OGN Protein Product Manual

1. Product Basic Information

Product No.: REP07681

Protein Name: Mimecan Proteoglycan (OGN)

Aliases: OG; OIF; SLRR3A; mimecan; osteoglycin; mimecan proteoglycan; osteoinductive factor; corneal keratan sulfate proteoglycan

UniProt ID: P20774

UniProt Link: <https://www.uniprot.org/uniprotkb/P20774/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (21-298aa)

Molecular Weight: 35.7kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (21-298aa)

PPTQQDSRIIYDYGTDNFEEISFSQDYEDKYLDGKNIKEKETVIIPNEKSLQLQKDEAI
TPLPPKKENDEMPCTCLLCVCLSGSVYCEEVDIDAVPPLPKESAYLYARFNKIKKLTA
DFADIPNLRRLDFTGNLIEDIEDGTFSKLSLLEELSLAENQLLKLPVLPKLTFLNAKY
NLIKSRGIKANAFKKLNNLTFLYLDHNALESVPLNLPESLRVIHLQFNNIASITDDTFC
KANDTSYIRDRIEEIRLEGNPVILGKHPNSFICKRLPIGSYF

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 OGN full length of mature protein protein (21-298aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. OGN, also known as OG or OIF or SLRR3A, 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.