



Recombinant Human ORC1 Protein Product Manual

1. Product Basic Information

Product No.: REP07699

Protein Name: ORC1

Aliases: ORC1L; PARC1; HSORC1

UniProt ID: Q13415

UniProt Link: <https://www.uniprot.org/uniprotkb/Q13415/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-861aa)

Molecular Weight: 123.6 kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-861aa)

MAHYPTRLKTRKTYSWVGRPLLDRLHYQTYREMCVKTEGCSTEIHIQIGQFVLIEG
DDDENPYVAKLLELFEDDSDPPPKKRARVQWFVRFCEVPACKRHLLGRKPGAQEIF
WYDYPACDSNINAETIIGLVRVIPLAPKDVVPTNLKNEKTLFVKLSWNEKKFRPLSSE
LFAELNKPQESAACQKPVRAKSKSAESPSWTPAEHVAKRIESRHSASKSRQTPTH
PLTPRARKRLELGNLGNPQMSQQTSCASLDSPGRIKRKVAFSEITSPSKRSQPKL
QTLSPALKAPEKTRETGLSYTEDDKKASPEHRIILRTRIAASKTIDIREERTLTPISGG
QRSSVPSVILKPENIKKRDAKEAKAQNEATSTPHRIRRKSSVLT MNRIRQQLRFLG
NSKSDQEEKEILPAAEISDSSSDEEEASTPPLPRRAPRTVSRNLRSSLKSSLHTLTKV
PKKSLKPRTPRCAAPQIRSRSLAAQEPASVLEEALRLHVSAPESLPCREQEFQDI
YNFVESKLLDHTGGCMYISGVPGTGKTATVHEVIRCLQQAAQANDVPPFQYIEVNG
MKLTEPHQVYVQILQKLTGQKATANHAAELLAQFCTRGSPQETT VLLVDEL DLLW
THKQDIMYNLFDWPTHKEARLVVLAINTMDLPERIMMNRVSSRLGLTRMCFQPYT
YSQLQQILRSRLKHLKAFEDDAIQLVARKVAALSGDARRCLDICRRATEICEFSQQK
PDSPGLVTIAHSMEAVDEMFSSSYITAIKNSSVLEQSFLRAIAEFRRSGLEEATFQQI
YSQHVALCRMELPYPTMSETMAVCSHLGSCRLLLVEPSRNDLLLRVRLNVSQDD
VLYALKDE



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 ORC1 full length protein (1-861aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. ORC1, also known as ORC1L or PARC1 or HSORC1, 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.