



Recombinant Human CYP26B1 Protein Product Manual

1. Product Basic Information

Product No.: REP06621

Protein Name: P450Rai-Cytochrome P450 26B1 (CYP26B1)

Aliases: RHFCA; CYP26A2; P450RAI2; P450RAI-cytochrome P450 26B1; retinoic acid-metabolizing cytochrome

UniProt ID: Q9NR63

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9NR63/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-512aa)

Molecular Weight: 63.5 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-512aa)

MLFEGLDLVSALATLAACLVSVTLALLAVSQQLWQLRWAATRDKSKCLPIPKGSMGF
PLIGETGHWLLQGSGFQSSRREKYGNVFKTHLLGRPLIRVTGAENVRKILMGEHHL
VSTEWPRSTRMLLGPNTVSNISIGDIHRNKRKVFSKIFSHEALESYLPKIQLVIQDTLR
AWSSHPEAINVYQEAQKLTFRMAIRVLLGFSIPEEDLGHLFEVYQQFVDNVFSLPVD
LPFSGYRRGIQARQILQKGLEKAIREKLQCTQGKDYLDALEDLLIESSKEHGKEMTMQ
ELKDGTLLELIFAAYATTASASTSLIMQLLKHPTVLEKLRDELRAHGILHSGGCPCEGT
LRDLTSLGLRYLDCVIKEVMRLFTPISGGYRTVLQTFELDGFQIPKGWSVMYSIRDT
HDTAPVFKDVNVFDPDRFSQARSEDKDGRFHLYLPFGGGVRTCLGKHLAKLFLKVLA
VELASTSRFELATRTFPRITLVPVLHPVDGLSVKFFGLDSNQNEILPETEAMLSATV

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 CYP26B1 full length protein (1-512aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CYP26B1, also known as RHFCA or CYP26A2 or P450RAI2, 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.