



Recombinant Human CYP2J2 Protein Product Manual

1. Product Basic Information

Product No.: REP06624

Protein Name: Cytochrome P450 2J2 (CYP2J2)

Aliases: CPJ2; CYP11J2; cytochrome P450 2J2; microsomal monooxygenase; arachidonic acid epoxigenase; flavoprotein-linked monooxygenase; hydroperoxy icosatetraenoate isomerase; al bendazole monooxygenase (hydrox...

UniProt ID: P51589

UniProt Link: <https://www.uniprot.org/uniprotkb/P51589/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (33-502aa)

Molecular Weight: 61.3 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (33-502aa)

DFLKRRRPKNYPGPWRLPFLGNFFLVDFEQSHLEVQLFVKKYGNLFSLELGDISA
VLITGLPLIKEALIHMDQNFGNRPVTPMREHIFKKNGLIMSSGQAWKEQRRFTLTALR
NFG LGKKSLEERIQEEAQHLTEAIKEENGQPFDPHFKINNAVSNICSITFGERFEYQ
DSWFQQLLKLLDEVTYLEASKTCQLYNVFPWIMKFLPGPHQTLFSNWKKLKLFVSH
MIDKHRKDOWNPAETRD FIDAYLKEMSKHTGNPTSSFHEENLICSTLDLFFAGTETTS
TTLRWALLYMALYPEIQEKVQAEIDRVIGQQGQPSTAARESMPYTNAVIHEVQRMG
NIIPLNVPREVTVDTTLAGYHLPKGTMLTNLTALHRDPT EWATPDTFNPDHFLENG
QFKKREAFMPFSIGKRACLGEQLARTELFIFFTSLMQKFTFRPPNNEKLSLKFRMGIT
ISPVSHRLCAVPQV

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

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 CYP2J2 full length of mature protein protein (33-502aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CYP2J2, also known as CPJ2 or CYP11J2 or cytochrome P450 2J2, 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.