

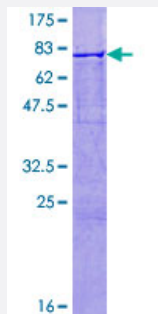
Full-Length

CYP26B1 (Human) Recombinant Protein (P01)

Catalog # H00056603-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CYP26B1 full-length ORF (NP_063938.1, 1 a.a. - 512 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLFEGLDLVSALATLAACLVSVTLTLLAVSQQLWQLRWAATRDKSCKLPIPKGSMGFPLIGETGHW
LLQGSGFQSSRREKYGNVFKTHLLGRPLIRVTGAENVRKILMGEHHLVSTEWPRSTRMLLGPNTV
SNSIGDIHRNKRKVF SKIFSHEALESYLPKIQLVIQDTLRAWSSHPEAINVYQEAQKLTFRMAIRVLLG
FSIPEEDLGHLFEVYQQFVDNVFSLPVDLPFSGYRRGIQARQILQKGLEKAIREKLQCTQGKDYLD
ALDLLIESSKEHGKEMTMQELKDGTLELIFAAYATTASASTSLIMQLLKHPTVLEKLRDELRAHGILH
SGGCPCEGTLRLDTLSGLRYLDCVIKEVMRLFTPISGGYRTVLQTFELDGFQIPKGWSVMYSIRD
HDTAPVFKDVNVFDPDRFSQARSEDKDGRFHYPFGGGVRTCLGKHLAKLFLKVLAVELASTSR
FELATRTFPRITLVPVLHPVDGLSVKFFGLDSNQNEILPETEAMLSATV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.9

Interspecies Antigen Sequence

Mouse (96); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CYP26B1

Entrez GeneID	56603
GeneBank Accession#	NM_019885.2
Protein Accession#	NP_063938.1
Gene Name	CYP26B1
Gene Alias	CYP26A2, DKFZp686G0638, MGC129613, P450RAI-2
Gene Description	cytochrome P450, family 26, subfamily B, polypeptide 1
Omim ID	605207
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and the synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene is involved in the specific inactivation of all-trans-retinoic acid to hydroxylated forms, such as 4-oxo-, 4-OH-, and 18-OH-all-trans-retinoic acid. [provided by RefSeq]
Other Designations	cytochrome P450 retinoid metabolizing protein cytochrome P450, family 26, subfamily b, polypeptide 1 retinoic acid-metabolizing cytochrome

Pathway

- [Retinol metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Diseases](#)
- [Meningomyelocele](#)
- [Schizophrenia](#)
- [Spinal Dysraphism](#)
- [Vitamin A Deficiency](#)