

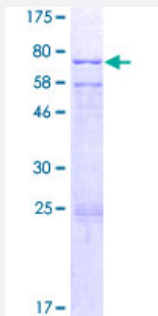
Full-Length

CYP20A1 (Human) Recombinant Protein (P01)

Catalog # H00057404-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CYP20A1 full-length ORF (AAH20616.1, 1 a.a. - 462 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLDFAIFAVTFLLALVGAVLYLPASRQAAGIPGITPTEEKDGNLPDIVNSGSLHEFLVNLHERYGPV
VSFWFGRRLVVS�GTVDLKQHINPNKTLDPFETMLKSLLRYQSGGGSVSENHMREKLYENGVT
DSLKSNFALLKLSEELLDKWLSYPETQHVPLSQHMLGFAMKSVTQMVMGSTFEDDQEVIRFQK
NHGTVWSEIGKGFLDGSLDKNMTRKKQYEDALMQLESVLRNIIKERKGRNFSQHIFIDSLVQGNLN
DQQILED SMIFSLASCIITAKLCTWAICFLTSEEVQKKLYEEINQVFGNGPVTPEKIEQLRYCQHVL
CETVRTAKLTPVSAQFQDIEGKIDRFIIPRETLVLYALGVVLQDPNTWPSPHKFDPD RFDDDEL VMK
TFSSLGFSGTQCEPELRFAYMVTTVLLSVLVKRLHLLSVEGQVIETKYELVTSSREEAWITVSKRY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.9

Interspecies Antigen Sequence

Mouse (82); Rat (81)

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 — CYP20A1

Entrez GeneID [57404](#)

GeneBank Accession# [BC020616.1](#)

Protein Accession# [AAH20616.1](#)

Gene Name CYP20A1

Gene Alias CYP-M, MGC22229

Gene Description cytochrome P450, family 20, subfamily A, polypeptide 1

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 synthesis of cholesterol, steroids and other lipids. This protein lacks one amino acid of the conserved heme binding site. It also lacks the conserved I-helix motif AGX(D,E)T, suggesting that its substrate may carry its own oxygen. [provided by RefSeq]

Other Designations cytochrome P450 monooxygenase

Disease

- [Hearing Loss](#)
- [Kidney Failure](#)