Recombinant Human CYP20A1 Protein, GST-tagged

Cat. No. CYP20A1-2248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYP20A1 full-length ORF (AAH20616.1, 1 a.a. - 462 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, Jul 2008]
Molecular Mass	78.9 kDa
AA Sequence	MLDFAIFAVTFLLALVGAVLYLYPASRQAAGIPGITPTEEKDGNLPDIVNSGSLHEFLV NLHERYGPVVSFWFGRRLVVSLGTVDVLKQHINPNKTLDPFETMLKSLLRYQSGGG SVSENHMREKLYENGVTDSLKSNFALLLKLSEELLDKWLSYPETQHVPLSQHMLGF AMKSVTQMVMGSTFEDDQEVIRFQKNHGTVWSEIGKGFLDGSLDKNMTRKKQYED ALMQLESVLRNIIKERKGRNFSQHIFIDSLVQGNLNDQQILEDSMIFSLASCIITAKLCT WAICFLTTSEEVQKKLYEEINQVFGNGPVTPEKIEQLRYCQHVLCETVRTAKLTPVSA QFQDIEGKIDRFIIPRETLVLYALGVVLQDPNTWPSPHKFDPDRFDDELVMKTFSSLG FSGTQECPELRFAYMVTTVLLSVLVKRLHLLSVEGQVIETKYELVTSSREEAWITVSK

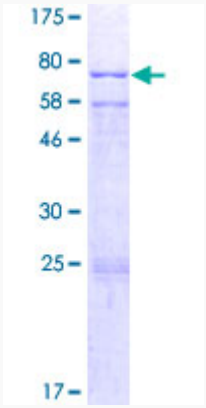
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CYP20A1 cytochrome P450, family 20, subfamily A, polypeptide 1 [Homo sapiens]
Official Symbol	CYP20A1
Synonyms	CYP20A1; cytochrome P450, family 20, subfamily A, polypeptide 1; cytochrome P450 20A1; CYP M; cytochrome P450 monooxygenase; CYP-M; MGC22229;
Gene ID	57404
mRNA Refseq	NM_177538
Protein Refseq	NP_803882
UniProt ID	Q6UW02

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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