

Recombinant Human CYP2F1 Protein, GST-tagged

Cat. No. CYP2F1-2267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYP2F1 partial ORF (NP_000765, 191 a.a. - 290 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 which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and is known to dehydrogenate 3-methylindole, an endogenous toxin derived from the fermentation of tryptophan, as well as xenobiotic substrates such as naphthalene and ethoxycoumarin. This gene is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	DDERLLTIIRLINDNFQIMSSPWGELYDIFPSLLDWVPGPHQRIFQNFKCLRDLIAHSV HDHQASLDPRSPRDFIQCFCLKMAEEKEDPLSHFHMDTLLM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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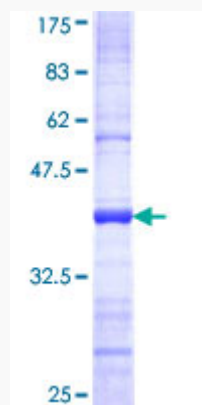
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	CYP2F1 cytochrome P450, family 2, subfamily F, polypeptide 1 [Homo sapiens]
Official Symbol	CYP2F1
Synonyms	CYP1IF1; Cytochrome P450 2F1; cytochrome P450, family 2, subfamily F, polypeptide 1; EC=1.14.14.1; flavoprotein-linked monooxygenase; CYP1IF1; microsomal monooxygenase; EC 1.14.14.1; xenobiotic monooxygenase
Gene ID	1572
mRNA Refseq	NM_000774.3
Protein Refseq	NP_000765.2
MIM	124070
UniProt ID	P24903

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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