

Full-Length

CYP4F8 (Human) Recombinant Protein (P01)

Catalog # H00011283-P01

Size 50 ug

Specification

Product Description	Human CYP4F8 full-length ORF (BAG37237.1, 1 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSLLSLSWLGLRPVAASPWLLLLLVVGASWLLARILAWTYAFYHNGRRLRCFPQPRKQNWFLGHLGLVTPTEEGLRVLTQLVATYPQGFVRWLGPIITPIINLCHPDIARSVINTSDAITDKDIVFYKTLKPWLG DGLLSVGDKWRHHRLLMPAFHFNILKPYIKIFSKSANIMHAKWQRLAMEGSTCLDVFEHISLMTLDSLQKCIFSFDNSNCQEKPSYITAIMELSALVVKRNNQFFRYKDFLYFLTPCGRRFHRACRLVHDF TDAVIQERRRLTSQGVDDFLQAKAKSKTLDFIDVLLLSSEDKNGKELSDEDIKAEADTFMFGGHDT TASGLSWVLCNLARHPEYQERCQEVQELLKDREPKEIEWDDLAQLPFLTMCLKESLRSHPPIPT FARGCTQDVVLPDSRVIPKGNVCNINIFAIHNPVWPDPDEVYDPFRFDPENAKRSPMAFIPFSA GPRNCIGQKFAMAEMKVVLALTLLRFRILPDHREPRRTPEVLRAEDGLWLRVEPLG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	83.6
Interspecies Antigen Sequence	Mouse (75); Rat (74)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — CYP4F8

Entrez GeneID [11283](#)

GeneBank Accession# [AK314685.1](#)

Protein Accession# [BAG37237.1](#)

Gene Name CYP4F8

Gene Alias CPF8, CYP1VF8

Gene Description cytochrome P450, family 4, subfamily F, polypeptide 8

Omim ID [611545](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene, CYP4F8, 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 functions as a 19-hydroxylase of prostaglandins in seminal vesicles. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F3, is approximately 18 kb away. [provided by RefSeq]

Other Designations cytochrome P450, subfamily VF, polypeptide 8|flavoprotein-linked monooxygenase|microsomal monooxygenase

Disease

- [Kidney Failure](#)