

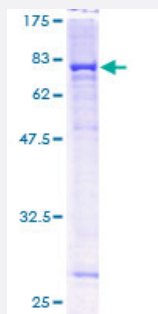
Full-Length

# CYP4F11 (Human) Recombinant Protein (P01)

Catalog # H00057834-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human CYP4F11 full-length ORF ( AAH16853, 1 a.a. - 524 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MPQLSLSWLGLGPVAASPWLLLLLVGGSWLLARVLAWTYTFYDNCRRLLQCFPPKQNWFWG  
 HQGLVTPTEEGMKTLTQLVTTYPPQGFKLWLGPFTPLILCHPDIIIPITSASAAVAPKDMIFYGFLKP  
 WLGDGLLSGGDKWSRHRRLTPAFHFNLKPYMKIFNKSVMHDKWQRLASEGSARLDMFEHI  
 SLMTLDSLQKCVFSFESNCQEKPSYIAAILELSAFVEKRNQILLHTDFLYLTPDGQRFRACHL  
 VHDFTDAVIQERRRLPTQGIDDFLKNKAKSKTLDFIDVLLSKDEDGKELSDDIRAEADTFMFE  
 GHDTTASGLSWVLYHLAKHPEYQEQRQEVQELLKDREPIEIEWDDLAQLPFLTMCIKESRLHP  
 PVPVISRCCTQDFVLPDGRVIPKGVCLINIIHYNPTVWPDPEVYDPFRFNQENIKERSPLAFIPFS  
 AGPRNCIGQAFAMAEMKVVLALTLLHFRILPTHTEPRRKPELILRAEGGLWLRVEPLGANSQ

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

83.38

### 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 — CYP4F11

**Entrez GeneID**[57834](#)**GeneBank Accession#**[BC016853](#)**Protein Accession#**[AAH16853](#)**Gene Name**

CYP4F11

**Gene Alias**

-

**Gene Description**

cytochrome P450, family 4, subfamily F, polypeptide 11

**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene, CYP4F11, 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 gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F2, is approximately 16 kb away. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations**

cytochrome P450 family 4 subfamily F polypeptide 11|cytochrome P450, subfamily IVF, polypeptide 11

## Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)