

## Recombinant Human CYP4F11 Protein, GST-tagged

**Cat. No.** CYP4F11-2282H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CYP4F11 full-length ORF ( AAH16853, 1 a.a. - 524 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | <p>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, Jul 2008]</p> |
| <b>Molecular Mass</b>   | 83.38 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MPQLSLSWLGLGPVAASPWLLLLLVGGSWLLARVLAWTYTFYDNCRRLLQCFPQPP<br>KQNWFWGHQGLVTPTEEGMKTLTQLVTTYPQGFKLWLGPFTPLILCHPDIIIRPITSA<br>SAAVAPKDMIFYGFLKPWLGDGLLLSGGDKWSRHRMLTPAFHFNILKPYMKIFNKS<br>VNIMHDKWQRLASEGSARLDMFEHISLMTLDSLQKCVFSFESNCQEKPSEYIAAILEL<br>SAFVEKRNQQILLHTDFLYLTPDGQRFRRACHLVHDFDTDAVIQERRRTLPTQGIDD<br>FLKNKAKSKTLDFIDVLLLSKDEDGKELSDDIRAEADTFMFEGHDTTASGLSWVLYH<br>LAKHPEYQEQRQEVQELLKDREPIEIEWDDLAQLPFLTMCIKESLRLHPPVPVISRC                                                                                                       |

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

## GENE INFORMATION

|                        |                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CYP4F11 cytochrome P450, family 4, subfamily F, polypeptide 11 [ Homo sapiens ]                                                                  |
| <b>Official Symbol</b> | CYP4F11                                                                                                                                          |
| <b>Synonyms</b>        | CYP4F11; cytochrome P450, family 4, subfamily F, polypeptide 11; cytochrome P450, subfamily IVF, polypeptide 11; cytochrome P450 4F11; CYP1VF11; |
| <b>Gene ID</b>         | 57834                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_001128932                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_001122404                                                                                                                                     |
| <b>MIM</b>             | 611517                                                                                                                                           |

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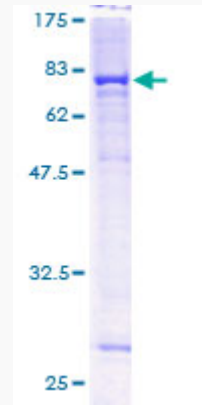
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UniProt ID

Q9HBI6

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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