



# Recombinant Human Cytochrome P450 4F11 (CYP4F11), partial

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| Product Code      | CSB-MP872539HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                         |
| Uniprot No.       | Q9HBI6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Type      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Species | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source            | Mammalian cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Target Names      | CYP4F11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Tag Info          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Length    | Partial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Target Details    | 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. |
| Reconstitution    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                             |
| Shelf Life        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                         |