

## Recombinant Human CYP4F2 protein, GST-tagged

**Cat. No.** CYP4F2-301409H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human CYP4F2 (251-324 aa) protein, fused to GST tag, was expressed in E. coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Met251-Thr324  |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | MPDGQRFRRACRLVHDFDTDAVIQERRRTLPSQGVDDFLQAKAKSKTLDFIDVLLLSK<br>DEDGKKLSDEDIRAEADT   |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

## GENE INFORMATION

**Gene Name** CYP4F2 cytochrome P450, family 4, subfamily F, polypeptide 2 [ Homo sapiens ]

**Official Symbol** CYP4F2

**Synonyms** CYP4F2; cytochrome P450, family 4, subfamily F, polypeptide 2; cytochrome P450, subfamily IVF, polypeptide 2; leukotriene-B(4) omega-hydroxylase 1; CYP4F2; cytochrome P450 4F2; cytochrome P450-LTB-omega; leukotriene-B4 20-monooxygenase; leukotriene B4 omega-hydroxylase; leukotriene-B(4) 20-monooxygenase 1; CPF2;

**Gene ID** 8529

**mRNA Refseq** NM\_001082

**Protein Refseq** NP\_001073

**MIM** 604426

**UniProt ID** P78329

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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