

# Recombinant Full Length Human CYP2C19, Flag-tagged

**Cat. No.** CYP2C19-5425HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human CYP2C19, fused with C-terminal Flag tag, was expressed in mammalian cells.                    |
| <b>Species</b>          | Human                                                                                                                       |
| <b>Source</b>           | Mammalian Cells                                                                                                             |
| <b>Molecular Mass</b>   | 55.8 kDa                                                                                                                    |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                 |
| <b>Storage</b>          | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                       |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                            |
| <b>Shipping</b>         | The product is shipped with dry ice or equivalent. Upon receipt, store it immediately at the temperature recommended below. |
| <b>Full Length</b>      | Full L.                                                                                                                     |

## GENE INFORMATION

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|------------------|----------------------------------------------------------------------------------------|
| <b>Gene Name</b> | CYP2C19 cytochrome P450, family 2, subfamily C, polypeptide 19 [Homo sapiens (human) ] |
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| <b>Official Symbol</b> | <a href="#">CYP2C19</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | CYP2C19; CPCJ; CYP2C; P450C2C; P450IIC19; cytochrome P450, family 2, subfamily C, polypeptide 19; cytochrome P450 2C19; CYP11C17; CYP11C19; cytochrome P450-11A; cytochrome P450-254C; cytochrome P-450 II C; microsomal monooxygenase; xenobiotic monooxygenase; mephenytoin 4-hydroxylase; mephenytoin 4"-hydroxylase; S-mephenytoin 4-hydroxylase; (R)-limonene 6-monooxygenase; (R)-limonene 6-monooxygenase; (S)-limonene 6-monooxygenase; (S)-limonene 7-monooxygenase; flavoprotein-linked monooxygenase; cytochrome P450, subfamily IIC (mephenytoin 4-hydroxylase), polypeptide 19; EC 1.14.13.48; EC 1.14.13.49 |
| <b>Gene ID</b>         | <a href="#">1557</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | <a href="#">NM_000769</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | <a href="#">NP_000760</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | <a href="#">124020</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | <a href="#">P33261</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |