

Recombinant Human CYP4F2 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CYP4F2 (251-324 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met251-Thr324
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MPDGQRFRRACRLVHDFDVAIQERRRTLPSQGVDDFLQAKAKSKTLDFIDVLLLSK DEDGKKLSDEDIRAEADT
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). 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.

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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

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