

Recombinant Human CYP20A1 protein, His-tagged

Cat. No. CYP20A1-2825H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP20A1 protein(112-248 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	112-248 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SGGGSVSENHMREKLYENGVTDSLKSNFALLKLSEELLDKWLSYPETQHVPLSQH MLGFAMKSVTQMVMGSTFEDDQEVIRFQKNHGTWSEIGKGFSLDGNMTRKK QYEDALMQLESVLRNIIKERKGRNFS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	CYP20A1 cytochrome P450, family 20, subfamily A, polypeptide 1 [Homo sapiens]
Official Symbol	CYP20A1
Synonyms	CYP20A1; cytochrome P450, family 20, subfamily A, polypeptide 1; cytochrome P450 20A1; CYP M; cytochrome P450 monooxygenase; CYP-M; MGC22229;
Gene ID	57404
mRNA Refseq	NM_177538
Protein Refseq	NP_803882
UniProt ID	Q6UW02

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