

Recombinant Human CYP39A1 protein, His-tagged

Cat. No. CYP39A1-3413H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP39A1 protein(18-274 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-274 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	FLLLPKLNLRPPCIKGWIPWIGVGFEFGKAPLEFIEKARIKYGPFTVFAMGNRMFTV TEEEGINVFLKSKKVDFELAVQNIVYRTASIPKNVFLALHEKLYIMLKGKMGTVNLHQF TGQLTEELHEQLENLGTHTMDLNNLVRHLLYPVTVNMLFNKSLFSTNKKKIKEFHQ YFQVYDEDFEYGSQLEPCLLRNWSKSKKWFLFELFEKNIPDIKACKSAKDNSMTLLQA TLDIVETETSKENSPNYGLLLLWAS
Purity	85%, 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.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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

GENE INFORMATION

Gene Name

CYP39A1 cytochrome P450, family 39, subfamily A, polypeptide 1 [Homo sapiens]

Official Symbol

CYP39A1

Synonyms

CYP39A1; cytochrome P450, family 39, subfamily A, polypeptide 1; cytochrome P450, subfamily XXXIX (oxysterol 7 alpha hydroxylase), polypeptide 1; 24-hydroxycholesterol 7-alpha-hydroxylase; hCYP39A1; cytochrome P450 39A1; oxysterol 7alpha-hydroxylase; oxysterol 7-alpha-hydroxylase; cytochrome P450, subfamily XXXIX (oxysterol 7 alpha-hydroxylase), polypeptide 1;

Gene ID

51302

mRNA Refseq

NM_016593

Protein Refseq

NP_057677

MIM

605994

UniProt ID

Q9NYL5

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