

Recombinant Full Length Mouse 7-Alpha-Hydroxycholest-4-En-3-One 12-Alpha-Hydroxylase(Cyp8B1) Protein, His-Tagged

Cat. No. RFL15609MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase(Cyp8b1) Protein (O88962) (2-500aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length of Mature Protein (2-500)

Form Lyophilized powder

AA Sequence

TLWCTVLGALLTVVGCLCLSLLLRHRRPWEPPLDKGFVPWLGHSMFRKRMFEFLK
 GMRAKHGDVFTVQLGGQYFTFVMDPLSFGPIIKNTEKALDFQSYAKELVLKVFGYQS
 VGDHRMIHLASTKHLMGQGLEELNQAMLDSLVLMLGPKGSSLGASSWCEDGLF
 HFCYRILFKAGFLSLFGYTKDKQQDLDEADELFRKFRFDLFPFVYSLGPREWV
 EVSQLQRLFHQRLSVEQNLEKDGISCWLGYMLQFLREQGIASSMQDKFNFMLLWA
 SQGNTGPTCFWVLLFLLKHQDAMKAVREEATRVMGKARLEAKKSFTFTPSALKHTP
 VLDSVMEESLRLCATPTLLRVVQEDYVLKMASGQEYQIRRGDKVALFPYLSVHMDP
 DIHPEPTAFKYDRFLNPDGTRKVDYFKSGKKIHHYSMPWGSVSKCPRFFALSEM
 KTFVLLMIMYFDFKLVDPDIPVPPIDPRRWGFGTSQPSHEVRFLYRLKPVQ

Purity Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Cyp8b1
Synonyms	Cyp8b1; Cyp12; 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase; 7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase; CYPVIII B1; Cytochrome P450 8B1; Sterol 12-alpha-hydroxylase
UniProt ID	O88962

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