

Recombinant Full Length Mouse 5,6-Dihydroxyindole-2-Carboxylic Acid Oxidase(Tyrp1) Protein, His-Tagged

Cat. No. RFL36009MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse 5,6-dihydroxyindole-2-carboxylic acid oxidase(Tyrp1) Protein (P07147) (25-537aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length of Mature Protein (25-537)

Form Lyophilized powder

AA Sequence

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QFPRECANIEALRRGVCCPDLLPSSGPGTDPCGSSSSGRGRCVAVIADSRPHSRHYP
HDGKDDREAWPLRFFNRTCQCNDNFSGHNCGTCRPGWRGAACNQKILTVRRNLL
DLSPEEKSHFVRALDMAKRTTHPQFVIATRRELDILGPDGNTQPENISVYNYFVWT
HYYSVKKTFLGTGQESFGDVDFSHEGPAFLTWHRYHLLQLERDMQEMLQEPSFSL
PYWNFATGKNVCDVCTDDL MGSRSNFDSTLISPNSVFSQWRVVCESLEEYDTLGTL
CNSTEGGPIRRNPAGNVGRPAVQRLPEPQDVTQCLEVRVFDTPPFYSNSTDSFRNT
VEGYSAPTGKYDPAVRS LHNLAHLFLNGTGGQTHLSPNDPIFVLLHTFTDAVFDEWL
RRYNADISTFPLENAPIGHN RQYNMVPFWPPVTNTEMFVTAPDNLGYAYEVQWPG
QEFTVSEIITIAVVAALLLVAAIFGVASCLIRSRSTKNEANQPLLTDHYQRYAEDYEELP
NPNHSMV
    
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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 multiple 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	Tyrp1
Synonyms	Tyrp1; Tyrp-1; 5,6-dihydroxyindole-2-carboxylic acid oxidase; DHICA oxidase; Brown locus protein; Catalase B; Tyrosinase-related protein 1; TRP; TRP-1; TRP1
UniProt ID	P07147

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