

Recombinant Mouse TYRP1 Protein, His-tagged

Cat. No. TYRP1-130M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TYRP1 Protein, fused to His-tag, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a melanosomal enzyme that belongs to the tyrosinase family and plays an important role in the melanin biosynthetic pathway. Defects in this gene are the cause of rufous oculocutaneous albinism and oculocutaneous albinism type III.
Form	PBS, pH 7.4.
Molecular Mass	52.1 kDa
AA Sequence	QFPRECANIEALRRGVCCPDLLPSSGPGTDPCGSSSGRGRCVAVIADSRPHSRHYP HDGKDDREAWPLRFFNRTCQCNDNFSGHNCGTCRPGWRGAACNQKILTVRRNLL DLSPEEKSHFVRALDMAKRTTHPQFVIATRRLLEDILGPDGNTQPQFENISVYNYFVWT HYYSVKKTFLGTGQESFGDVDFSHEGPAFLTWHRYHLLQLERDMQEMLQEPSFSL PYWNFATGKNVCDVCTDDLMGSRSNFDSTLISPNSVFSQWRVVCESLEEYDTLGLT CNSTEGGPIRRNPAGNVGRPAVQRLPEPQDVTQCLEVRVFDTPPFYSNSTDSFRNT VEGYSAPTGKYDPAVRSLHNLHLFLNGTGGQTHLSPNDPIFVLLHTFTDAVFDEWL RRYNADISTFPLENAPIGHNRRQYNMVPFWPPVTNTEMFVTAPDNLGYAYEVQWPG QEFTVSEHHHHHH
Purity	>90%

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Storage

Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration

0.78 mg/ml

GENE INFORMATION**Gene Name**

TYRP1 tyrosinase related protein 1 [Homo sapiens (human)]

Official Symbol

TYRP1

Synonyms

TRP; CAS2; CATB; GP75; OCA3; TRP1; TYRP; b-PROTEIN

Gene ID

7306

mRNA Refseq

NM_000550

Protein Refseq

NP_000541

MIM

115501

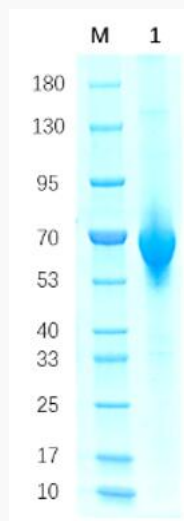
UniProt ID

P17643

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SDS-PAGE

Reducing 12% SDS-PAGE analysis profile of purified TYRP1 (CBB stained).

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