

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	<p>QFPRECANIEALRRGVCCPDLLPSSGPGTDPCGSSSSGRGRGCVAVIADSRPHSRHYP HDGKDDREAWPLRFFNRTCQCNDNFSGHNCGTCRPGWRGAACNQKILTVRRNLL DLSPEEKSHFVRALDMAKRTHHPQFVIATRRLLEDILGPDGNTQPQFENISVYNYFVWT HYYSVKKTFLGTGQESFGDVDFSHEGPAFLTWHRYHLLQLERDMQEMLQEPSFSL PYWNFATGKNVCDVCTDDLMGSRSNFDSTLISPNSVFSQWRVVCESLEEYDTLGLT CNSTEGGPIRRNPAGNVGRPAVQRLPEPQDVTQCLEVRVFDTPPFYSNSTDSFRNT VEGYSAPTGKYDPAVRSLHNLHLFLNGTGGQTHLSPNDPIFVLLHTFTDAVFDEWL RRYNADISTFPLENAPIGHNRQYNMVPFWPPVTNTEMFVTAPDNLGYAYEVQWPG QEFTVSEHHHHHH</p>
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.
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Concentration	0.78 mg/ml
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GENE INFORMATION

Gene Name	TYRP1 tyrosinase related protein 1 [Homo sapiens (human)]
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Official Symbol	TYRP1
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Synonyms	TRP; CAS2; CATB; GP75; OCA3; TRP1; TYRP; b-PROTEIN
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Gene ID	7306
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mRNA Refseq	NM_000550
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Protein Refseq	NP_000541
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MIM	115501
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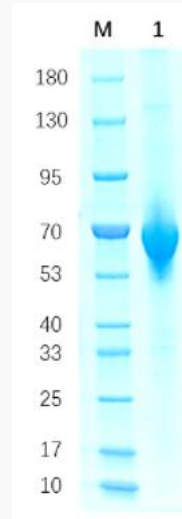
UniProt ID	P17643
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SDS-PAGE



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

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