

Recombinant Human TYRP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TYRP1-2193H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TYRP1 MS Standard C13 and N15-labeled recombinant protein (NP_000541) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	60.7 kDa
AA Sequence	MSAPKLLSLGCIFFPLLLFQQARAQFPRQCATVEALRSGMCCPDLSVSGPGTDRC GSSSGRGRCEAVTADSRPHSPQYPHDGRDDREWVPLRFFNRTCHCNGNFSGHNC GTCRPGWRGAACDQRVLIVRRNLLDLSKEEKNHFVRALDMAKRTTHPLFVIATRRS EEILGPDGNTPQFENISINYFVWTHYYSVKKTFLGVGQESFGEVDFSHEGPAFLTW HRYHLLRLEKDMQEMLQEPSFSLPYWNFATGKNVCDICTDDLMGSRSNFDSTLISP NSVFSQWRVVCDSLEDYDTLGTLCNSTEDGPIRRNPAGNVARPMVQRLPEPQDVA QCLEVGLFDTPPFYSNSTNSFRNTVEGYSDPTGKYDPAVRSLHNLHLFLNGTGGQ THLSPNDPIFVLLHTFTDAVFDEWLRRYNADISTFPLENAPIGHNRRQYNMVPFWPPV TNTEMFVTAPDNLGYTYEIQWPSREFSVPEIIAIVVGALLLVALIFGTASYLIRARRSM DEANQPLLTDQYQCYAEEYEKLQNPNQSVVTRTRPLEQKLISEEDLAANDILDYKDD

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	DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TYRP1 tyrosinase-related protein 1 [Homo sapiens (human)]
Official Symbol	TYRP1
Synonyms	TYRP1; tyrosinase-related protein 1; CAS2, TYRP; 5,6-dihydroxyindole-2-carboxylic acid oxidase; b PROTEIN; CATB; GP75; TRP; TRP1; TRP-1; catalase B; DHICA oxidase; glycoprotein 75; melanoma antigen gp75; CAS2; TYRP; b-PROTEIN;
Gene ID	7306
mRNA Refseq	NM_000550
Protein Refseq	NP_000541
MIM	115501

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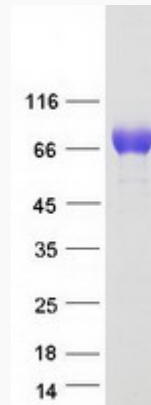
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UniProt ID

P17643

SDS-PAGE



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