

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

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

## SPECIFICATION

<b>Product Overview</b>	TYRP1 MS Standard C13 and N15-labeled recombinant protein (NP_000541) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	60.7 kDa
<b>AA Sequence</b>	MSAPKLLSLGCIFFPLLLFQQARAQFPRQCATVEALRSGMCCPDLSPVSGPGTDRC GSSSGRGRCEAVTADSRPHSPQYPHDGRDDREWPLRFFNRTCHCNGNFSGHNC GTCRPGWRGAACDQRVLIVRRNLLDLSKEEKNHFVRALDMAKRTTHPLFVIATRRS EEILGPDGNTPQFENISINYFVWTHYYSVKKTF LGVQGQESFGEVDFSHEGPAFLTW HRYHLLRLEKDMQEMLQEPSFSLPYWNFATGKNVCDICTDDLMGSRSNFDSTLISP NSVFSQWRVVCDSLEDYDTLGLTCNSTEDGPIRRNPAGNVARPMVQRLPEPQDVA QCLEVGLFDTPPFYSNSTNSFRNTVEGYSDPTGKYDPAVRSLHNLHLFLNGTGGQ THLSPNDPIFVLLHTFTDAVFDEWLRRYNADISTFPLENAPIGHNRQYNMVPFWPPV TNTEMFVTAPDNLGYTYEIQWPSREFSVPEIIAIVVGALLLVALIFGTASYLIRARRSM DEANQPLLTDQYQCYAEEYEKLNPNQSVVTRTRPLEQKLISEEDLAANDILDYKDD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	DDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TYRP1 tyrosinase-related protein 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TYRP1
<b>Synonyms</b>	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;
<b>Gene ID</b>	7306
<b>mRNA Refseq</b>	NM_000550
<b>Protein Refseq</b>	NP_000541
<b>MIM</b>	115501

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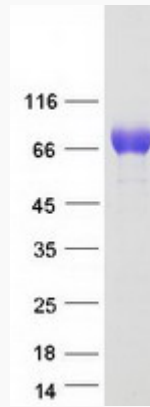
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UniProt ID

P17643

SDS-PAGE



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