

Recombinant Human TYRP1 Protein, His-tagged

Cat. No. TYRP1-512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TYRP1 Protein(P17643)(Met 1- Arg 471) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-471 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant human TYRP1 comprises 458 amino acids and has a predicted molecular mass of 52.2 kDa. The apparent molecular mass of rh TYRP1 is approximately 66 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name TYRP1 tyrosinase-related protein 1 [Homo sapiens]

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

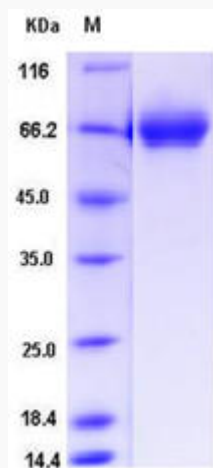
mRNA Refseq NM_000550

Protein Refseq NP_000541

MIM 115501

UniProt ID P17643

SDS-PAGE



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