

Recombinant Human TYRP1 protein, His-tagged

Cat. No. TYRP1-3688H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TYRP1 protein(91 - 186 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	91 - 186 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	PLRFFNRTCHCNGNFSGHNCGTCRPGWRGAACDQRVLIVRRNLLDLSKEEKNHFV RALDMAKRTTHPLFVIATRSEEILGPDGNTTPQFENISIYN
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

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

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