

Recombinant Human TYR protein, His-SUMO-tagged

Cat. No. TYR-3641H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TYR protein(P14679)(19-377aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-377aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.7 kDa
AA Sequence	HFPRACVSSKNLMEKECCPPWSGDRSPCGQLSGRGSCQNILLSNAPLGPQFPFTG VDDRESWPSVFNRTCQCSGNFMGFNCGNCKFGFWGPNCTERRLLVRRNIFDLA PEKDKFFAYLTLAKHTISSDYVPIGTYGQMKNGSTPMFNDINIYDLFVVMHYYVSM ALLGGSEIWRDIDFAHEAPAFLPWHRLLRWEQEIQKLTGDENFTIPYWDWRDAEK CDICTDEYMGGQHPTNPNULLSPASFFSSWQIVCSRLEEYNHQSLCNGTPEGPLRR NPGNHDKSRTPLRPSSADVEFCLSLTQYESGSMDDKAANFSFRNTLEGFASPLTGIA DASQSSMHNALHIYMNGTMSQV
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name TYR tyrosinase (oculocutaneous albinism IA) [Homo sapiens]

Official Symbol TYR

Synonyms TYR; tyrosinase (oculocutaneous albinism IA); tyrosinase; OCAIA; LB24-AB; SK29-AB; monophenol monooxygenase; tumor rejection antigen AB; CMM8; OCA1A; SHEP3;

Gene ID 7299

mRNA Refseq NM_000372

Protein Refseq NP_000363

MIM 606933

UniProt ID P14679

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