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Datasheet for ABIN7505386  
**TYR Protein (AA 274-475) (His tag)**

### Overview

Quantity:	100 µg
Target:	TYR
Protein Characteristics:	AA 274-475
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TYR protein is labelled with His tag.

### Product Details

Sequence:	Ile 274-Trp 475
Characteristics:	A DNA sequence encoding the Mouse TYR protein (P11344) (Ile 274-Trp 475) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	TYR
Alternative Name:	TYR ( <a href="#">TYR Products</a> )
Background:	Background: This is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds (PubMed:2517217). Catalyzes the initial and rate limiting step in the cascade of reactions leading to melanin production from Synonym: TYR,ATN,CMM8,OCA1,OCA1A,OCAIA,SHEP3

## Target Details

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Molecular Weight: 22.11 kDa

UniProt: [P11344](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months