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Datasheet for ABIN5710578

## TYR Protein (AA 19-377, partial) (His-SUMO Tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	TYR
Protein Characteristics:	AA 19-377, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TYR protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	HFPRACVSSK NLMEKECCPP WSGDRSPCGQ LSGRGSCQNI LLSNAPLGPQ FPFTGVDDRE SWPSVFYNRT CQCSGNFMGF NCGNCKFGFW GPNCTERRLL VRRNIFDLA PEKDKFFAYL TLAKHTISSD YVIPIGTYGQ MKNGSTPMFN DINIYDLFW MHHYVSM DAL LGGSEIWRDI DFAHEAPAFL PWHRLFLLRW EQEIQKLTGD ENFTIPYWDW RDAEKCDICT DEYMGQHQPT NPNLLSPASF FSSWQIVCSR LEEYNHQSL CNGTPEGPLR RNPGNHDKSR TPRLPSSADV EFCLSLTQYE SGSMDKAANF SFRNTLEGFA SPLTGIADAS QSSMHNALHI YMNGTMSQV
Purification:	SDS-PAGE
Purity:	> 90 %

#### Target Details

Target:	TYR
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## Target Details

Alternative Name: TYRO ([TYR Products](#))

Background: This is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds. Catalyzes the rate-limiting conversions of tyrosine to DOPA, DOPA to DOPA-quinone and possibly 5,6-dihydroxyindole to indole-5,6-quinone.

Molecular Weight: 56.7 kDa

UniProt: [P14679](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

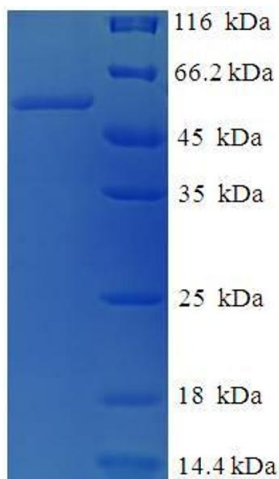
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Images



### SDS-PAGE

Image 1.