

## Product datasheet

# Recombinant Human TRP2/DCT protein ab158267

[1 References](#) [1 Image](#)

### Description

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**Product name** Recombinant Human TRP2/DCT protein

**Expression system** Wheat germ

**Accession** **P40126**

**Protein length** Full length protein

**Animal free** No

**Nature** Recombinant

**Species** Human

**Sequence**

```
MSPLWWGFLLSCLGCKILPGAQQGFPRVCMTVDSLNVK
ECCPRLGAESAN
VCGSQQGRGQCTEVRADTRPWSGPYILRNQDDRELWPR
KFFHRTCKCTGN
FAGYNCGDCKFGWTGPNKERKKPPVIRQNIHSLSPQERE
QFLGALDLAKK
RVHPDYWITTQHWLGLLGPNGTQPQFANCSVYDFFVWLH
YYSVRDTLG
GRPYRAIDFSHQGPAFVTWHRYHLLCLERDLQRLIGNESF
ALPYWNFATG
RNECDVCTDQLFGAARPDDPTLISRNSRFSSWETVCDSL
DDYNHLVTLGN
GTYEGLLRNQMGRNSMKLPTLKDIRDCLSLQKFDNPPFF
QNSTFSFRNA
LEGFDKADGTLDSQVMSLHNLVHSFLNGTALPHSAAND
PIFVVLHSFTD
AIFDEWMKRFNPPADAWPQELAPIGHNRMYNMVPPFPV
TNEELFLTSDQ
LGYSYAIDLPSVEETPGWPTLLVVMGTLVALVGLFVLLA
FLQYRRLRK GYTPLMETHLSSKRYTEEA
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**Amino acids** 1 to 519

**Tags** GST tag N-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab158267** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml. Previously labelled as TRP2

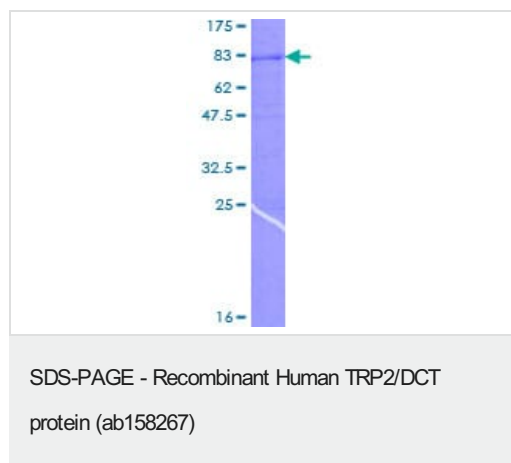
## Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

<b>Function</b>	Involved in regulating eumelanin and phaeomelanin levels.
<b>Pathway</b>	Pigment biosynthesis; melanin biosynthesis.
<b>Sequence similarities</b>	Belongs to the tyrosinase family.
<b>Cellular localization</b>	Melanosome membrane.

## Images



ab158267 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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