# abcam

# Product datasheet

# Recombinant Human TRP2/DCT protein (His tag) ab222949

# 1 Image

#### **Description**

Product name Recombinant Human TRP2/DCT protein (His tag)

Purity > 90 % SDS-PAGE.

Affinity purified

**Endotoxin level** < 1.000 Eu/µg

Expression system Baculovirus infected insect cells

Accession P40126

Protein length Protein fragment

Animal free No

**Nature** Recombinant

**Species** Human

**Sequence** QFPRVCMTVDSLVNKECCPRLGAESANVCGSQQGRGQ

**CTEVRADTRPWSG** 

PYILRNQDDRELWPRKFFHRTCKCTGNFAGYNCGDCKFG

WTGPNCERKKP

PVIRQNIHSLSPQEREQFLGALDLAKKRVHPDYVITTQHWL

**GLLGPNGTQ** 

PQFANCSVYDFFVWLHYYSVRDTLLGPGRPYRAIDFSHQG

**PAFVTWHRYH** 

LLCLERDLQRLIGNESFALPYWNFATGRNECDVCTDQLFG

**AARPDDPTLI** 

SRNSRFSSWETVCDSLDDYNHLVTLCNGTYEGLLRRNQM

GRNSMKLPTLK

DIRDCLSLQKFDNPPFFQNSTFSFRNALEGFDKADGTLDS

QVMSLHNLVH

SFLNGTNALPHSAANDPIFVVLHSFTDAIFDEWMKRFNPP

**ADAWPQELAP** 

IGHNRMYNMVPFFPPVTNEELFLTSDQLGYSYAIDLPVSVE

**ETPGWPTTH HHHHH** 

Predicted molecular weight 52 kDa including tags

Amino acids 24 to 472

Tags His tag C-Terminus

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**Additional sequence information** Lumenal, melanosome domain (NP\_001913).

#### **Specifications**

Our Abpromise guarantee covers the use of ab222949 in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Additional notes Previously labelled as TRP2

#### **Preparation and Storage**

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 10% Glycerol (glycerin, glycerine), PBS

#### **General Info**

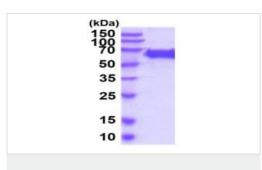
**Function** Involved in regulating eumelanin and phaeomelanin levels.

**Pathway** Pigment biosynthesis; melanin biosynthesis.

**Sequence similarities** Belongs to the tyrosinase family.

**Cellular localization** Melanosome membrane.

### **Images**



SDS-PAGE - Recombinant Human TRP2/DCT

protein (His tag) (ab222949)

15% SDS-PAGE analysis of 3 µg ab222949.

MWt 50-70 kDa (SDS-PAGE under reducing conditions).

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

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