

Product datasheet

Recombinant Human TRP2/DCT protein (His tag) ab222949

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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	<u>P40126</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	QFPRVCMTVDSL VNKECCPRLGAESANVCGSQQGRGQ CTEVRADTRPWG PYLRNQDDRELWPRKFFHRTCKCTGNFAGYNCGDCKFG WTGPNCERKKP PVIRQNIHSLSPQEREQFLGALDLAKKRVHPDYVITQHWL GLLGPNGTQ PQFANCSVYDFFVWLHYYSVRD TLLGPGRPYRAIDFSHQG PAFVTWHRYH LLCLERDLQRLIGNESFALPYWNFATGRNECDVCTDQLFG AARPDDPTLI SRNSRFSSWETVCD SLDDYNHLVTL CNGTYEGLLRNQM GRNSMKLPTLK DIRDCLSLQKFDNPPFFQNSTFSFRNALEGFDKADGTLDS QVMSLHNLVH SFLNGTNALPHSAANDPIFVVLHSFTDAIFDEWMKRFNPP ADAWPQELAP IGHNRMYNMVPFFPPVTNEELFLTSDQLGYSY AIDL PVSVE ETPGWPTTH HHHHH
Predicted molecular weight	52 kDa including tags
Amino acids	24 to 472
Tags	His tag C-Terminus

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
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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



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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