

Product datasheet

Recombinant Human TRP14 protein ab124598

1 Image

Description

Product name	Recombinant Human TRP14 protein
Purity	> 95 % SDS-PAGE. ab124598 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9BRA2</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMARYEE VSVSGFEEFH RAVEQHNGKT IFAYFTGSKD AGGKSWCPDC VQAEPVVREG LKHISEGCVFIYCQVGEKPY WKDPNNDFRK NLKVTAVPTL LKYGTPQKL V ESECLQANLV EMLFSED
Predicted molecular weight	17 kDa including tags
Amino acids	1 to 123
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab124598** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	Previously labelled as TXNDC17.

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: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

General Info

Function

Disulfide reductase. May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. Modulates TNF-alpha signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide.

Tissue specificity

Ubiquitously expressed in cell lines.

Sequence similarities

Belongs to the thioredoxin family.

Contains 1 thioredoxin domain.

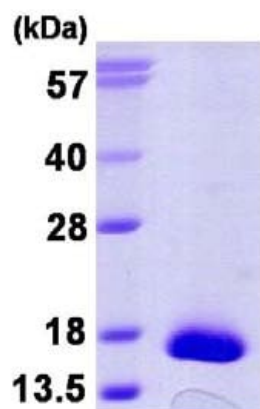
Post-translational modifications

The oxidized protein is reduced by TRXR1.

Cellular localization

Cytoplasm.

Images



15% SDS-PAGE showing ab124598 (3µg).

SDS-PAGE - Recombinant Human TRP14 protein
(ab124598)

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

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