

Product datasheet

Recombinant Human TXNDC4 protein ab185850

Description

| | |
|-----------------------------------|--|
| Product name | Recombinant Human TXNDC4 protein |
| Purity | > 95 % SDS-PAGE. Assessed also by SEC-HPLC |
| Endotoxin level | < 1.000 Eu/μg |
| Expression system | Mammalian |
| Accession | <u>Q9BS26</u> |
| Protein length | Protein fragment |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | EITSLDTENIDEILNNADVALVNFYADWCRFSQMLHPIFEEA SDVIKEEF PNENQVVFARVDCDQ HSDIAQRYRISKYPTLKLFRNGMMMCREYRGQRSVKALAD YIRQQKSDPIQEIRDLAEITTLDRS KRNIIGYFEQKSDSDNYRVFERVANILHDDCAFLSAFGDVSK PERYSGDNIYKPPGHSAPDMVYL GAMTNFDVTYNWIQDKCVPLVREITFENGEEELTEEGLPFLI LFHMKEDTE SLEIFQNEVARQLIS EKGTFNLFHADCDKFRHPLLHIQKTPADCPVIAIDSRHMYV FGDFKDVLPKGKQFVFDLHSG KLHREFHHGPDPTDTAPGEQAQDVASSPPESSFQKLAP SEYRYTLRLDVD HHHHHH |
| Predicted molecular weight | 44 kDa including tags |
| Amino acids | 30 to 402 |
| Tags | His tag C-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab185850** 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 |
| | HPLC |

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.
pH: 7.50
Constituents: 0.32% Tris HCl, 10% Glycerol

Supplied as a 0.2 µM filtered solution

General Info

Function Mediates thiol-dependent retention in the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif. Inhibits the calcium channel activity of ITPR1. May have a role in the control of oxidative protein folding in the endoplasmic reticulum. Required to retain ERO1L and ERO1LB in the endoplasmic reticulum.

Sequence similarities Contains 1 thioredoxin domain.

Cellular localization Endoplasmic reticulum lumen.

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

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