

Product datasheet for **AR09616PU-N**

TXNDC4 / ERP44 (30-406, His-tag) Human Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | TXNDC4 / ERP44 (30-406, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MRGSHHHHHH</u> <u>GMASMTGGQQ</u> <u>MGRDLYDDDD</u> <u>KDRWAGSMEI</u> TSLDTENIDE ILNNADVALV NFYADWCRES QMLHPIFEEA SDVIKEEFPN ENQVVFARVD CDQHS DIAQR YRISKYPTLK LFRNGMMMKR EYRGQRSVKA LADYIRQQKS DPIQEIRDLA EITLDRSKR NIIGYFEQKD SDNYRVFERV ANILHDDCAF LSAFGDVSKP ERYSGDNIIY KPPGHSAPDM VYLGAMTNFD VTYNWIQDKC VPLVREITFE NGEELTEEGL PFLILFHMKE DTESLEIFQN EVARQLISEK GTINFLHADC DKFRHPLLHI QKTPADCPVI AIDSFRHMYV FGDFKDVLP GKLKQFVFDL HSGKLHREFH HGPDPDTAP GEQAQDVASS PPESSFQKLA PSEYRYTLR DRDEL |
| Tag: | His-tag |
| Concentration: | lot specific |
| Purity: | >90% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl (pH 7.5) containing 10% Glycerol |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human ERP44 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_055866</u> |
| Locus ID: | 23071 |
| UniProt ID: | <u>Q9BS26</u> , <u>A0A384MEE7</u> |
| Cytogenetics: | 9q31.1 |
| Synonyms: | PDIA10; TXNDC4 |



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Summary:

This gene encodes a member of the protein disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins. It has an inferred N-terminal signal peptide, a catalytically active thioredoxin (TRX) domain, two TRX-like domains and a C-terminal ER-retention sequence. This protein functions as a pH-regulated chaperone of the secretory pathway and likely plays a role in protein quality control at the endoplasmic reticulum - Golgi interface. [provided by RefSeq, Dec 2016]

Protein Families:

Druggable Genome

Product images: