9051 Mira Mesa Blvd, #910094
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# TXNDC12 Human

*Thioredoxin Domain Containing 12 Human Recombinant*
*RCP2481*

## Product Overview

| | |
|---|---|
| Name | TXNDC12 Human |
| **Description** | |
| Thioredoxin Domain Containing 12 Human Recombinant | |
| Accession (Primary) | O95881 |
| **Synonyms** | |
| Thioredoxin domain containing 12 (endoplasmic reticulum), Endoplasmic reticulum resident protein 18, Endoplasmic reticulum resident protein 19, endoplasmic reticulum thioredoxin superfamily member 18 kDa, thioredoxin domain-containing protein 12, protein disulfide isomerase family A member 16, endoplasmic reticulum protein ERp19, anterior gradient homolog 1, Thioredoxin-like protein p19, ER protein 18, ERP18, ER protein 19, ERP19, ERP16, TLP19, AGR1, PDIA16, hAG-1, EC 1.8.4.2. | |
| **Introduction** | |
| TXNDC12 is a member of the thioredoxin super family. This Family members have a thioredoxin fold with a consensus active-site sequence (CxxC) and take part in redox regulation, protection against oxidative stress, refolding of disulfide-containing proteins, and regulation of transcription factors. | |
| **Source** | |
| E.coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| The TXNDC12 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 90% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHM HN GLGKGFGDHI HWRTLEDGKK EAAASGLPLM VIIHKSWCGA CKALKPKFAE STEISELSHN FVMVNLEDEE EPKDEDFSPD GGYIPRILFL DPSGKVHPEI | |

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INENGNPSYK YFYVSAEQVV QGMKEAQERL TGDAFRKKHL EDEL

**Precautions**

TXNDC12 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( O95881 )