

# Human TXNRD1 161-649 a.a. Recombinant Protein



RPPB2358

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## Product Information Protein Information

**Product SKU:**

RPPB2358

**Accession:**

Q16881

**Host:**

Escherichia Coli.

**Protein description:**

TXNRD1 Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 510 amino acids (161-649 a.a.) and having a molecular mass of 55.9kDa. The TXNRD1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Thioredoxin reductase 1 cytoplasmic, TR, Gene associated with retinoic and interferon-induced mortality 12 protein, GRIM-12, Gene associated with retinoic and IFN-induced mortality 12 protein, KM-102-derived reductase-like factor, Thioredoxin reductase TR1, TXNRD1, GRIM12, KDRF, TR1, TXNR, TRXR1, MGC9145.

**Formulation:**

The TXNRD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% Glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MYDYDLIIIG GSGGLAAAK EAAQYGKKVM VLDFVTPTPL GTRWGLGGTC  
VNVGCIKPKL MHQAALLGQA LQDSRNYGWK VEETVKHDWD RMIEAVQNH I GSLNWGYRVA LREKKVYEN  
AYGQFIGPHR IKATNNGKKE KIYSAERFLI ATGERPRYL I IPGDKEYCIS SDDLFLPYC PGKTLVVGAS  
YVALECAGFL AGIGLDVTVM VRSILLRGFD QDMANKIGEH MEEHGKIFIR QFVPIKVEQI EAGTPGRLRV  
VAQSTNSEEI IEGEYNTVML AIGRDACTRK IGLETGVGKI NEKTGKIPVT DEEQTNVPYI YAIGDILEDK  
VELTPVAIQ A GRLLAQRLYA GSTVKCDYEN VPTTVFTPLE YGACGLSEEK AVEKFGEENI EVYHSYFWPL  
EWTIPSRDNN KCYAKIICNT KDNERVVGFH VLGPNAGEVT QGFAAALKCG LTKKQLDSTI GIHPVCAEVE  
TTLSVTKRSG ASILQAGCCG.