

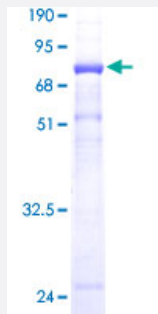
Full-Length

TXNDC4 (Human) Recombinant Protein (P01)

Catalog # H00023071-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TXNDC4 full-length ORF (AAH05374, 30 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

EITSLDTENIDEILNNADVALVNFYADWCRFSQMLHPIFEEASDVIKEEFPNENQVVFARVDCDQH
SDIAQRYRISKYPTLKLFRNGMMMKREYRGQRSVKALADYIRQQKSDPIQEIRDLAEITLDRSKRNII
GYFEQKDSDNRYRVFERVANILHDDCAFLSAFGDVSKPERYSGDNIIKPPGHSAPDMVYLGAMTN
FDVTYNWIQDKCVPLVREITFENGEELEEGLPFLILFHMKEDTESLEIFQNEVARQLISEKGTINFL
HADCDKFRHPLLHIQKTPADCPVIAIDSFHMYVFGDFKDVLPGLKQFVFDLHSGKLHREFHHG
PDPTDTAPGEQAQDVASSPPESSFQKLAPSEYRYTLRDRDEL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.21

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TXNDC4

Entrez GeneID[23071](#)**GeneBank Accession#**[BC005374](#)**Protein Accession#**[AAH05374](#)**Gene Name**

TXNDC4

Gene Alias

ERP44, KIAA0573

Gene Description

thioredoxin domain containing 4 (endoplasmic reticulum)

Omim ID[609170](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

OTTHUMP00000021788|OTTHUMP00000063799|endoplasmic reticulum resident protein 44 kDa

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)