

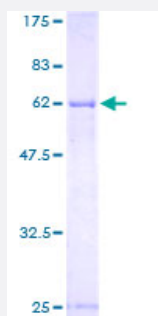
Full-Length

TGDS (Human) Recombinant Protein (P01)

Catalog # H00023483-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TGDS full-length ORF (AAH33675, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSAACWEEPWGLPGGFAKRVLVTGGAGFIASHMIVSLVEDYPNYMIINLDKLDYCASLKNLETISN
KQNYKFIQGDICDSHFVKLLFETEKIDVLHFAAQTHVDLSFVRAFEFTYVNVYGTHVLVSAAHEAR
VEKFIYVSTDEVYGGSLDKEFDESSPKQPTNPYASSKAAAECFVQSYWEQYKFPVVITRSSNVYG
PHQYPEKVIPKFISLLQHNRKCCIHGSLQTRNFLYATDVVEAFLTVLKKGKPGEIYNIGTNFEMSVV
QLAKELIQLIKETNSESEMENWVDYVNDRPTNDMRYPMKSEKIHGLGWRPKVPWKEGIKKTIEWY
RENFHNWKNVEKALEPFPV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.24

Interspecies Antigen Sequence

Mouse (91)

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 — TGDS

Entrez GeneID[23483](#)**GeneBank Accession#**[BC033675](#)**Protein Accession#**[AAH33675](#)**Gene Name**

TGDS

Gene Alias

SDR2E1, TDPGD

Gene Description

TDP-glucose 4,6-dehydratase

Gene Ontology[Hyperlink](#)**Gene Summary**

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Other Designations

OTTHUMP00000043625|dTDP-D-glucose 4,6-dehydratase|growth-inhibiting protein 21|short chain dehydrogenase/reductase family 2E, member 1

Pathway

- [Streptomycin biosynthesis](#)