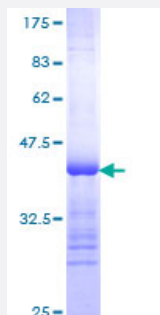


TG (Human) Recombinant Protein (Q01)

Catalog # H00007038-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TG partial ORF (NP_003226, 2659 a.a. - 2768 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FSHFIRSGNPYPYEF SRKVPTFATPWPDFVPRAGGENYKEFSELLPNRQGLKKADCSFWSKYIS SLKTSADGAKGGQSAESEEELTAGSGLREDLLSLQEPGSKTYSK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (70); Rat (69)
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 — TG

Entrez GeneID	7038
GeneBank Accession#	NM_003235
Protein Accession#	NP_003226
Gene Name	TG
Gene Alias	AITD3, TGN
Gene Description	thyroglobulin
Omim ID	188450 608175
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Autoimmune thyroid disease](#)

Disease

- [Autoimmune Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)

- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hashimoto Disease](#)
- [Hypothyroidism](#)
- [Primary Ovarian Insufficiency](#)
- [Recurrence](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Thyroiditis](#)
- [Tobacco Use Disorder](#)