

Thyroglobulin (TG) Recombinant Protein | TG recombinant protein

Recombinant Thyroglobulin (TG)

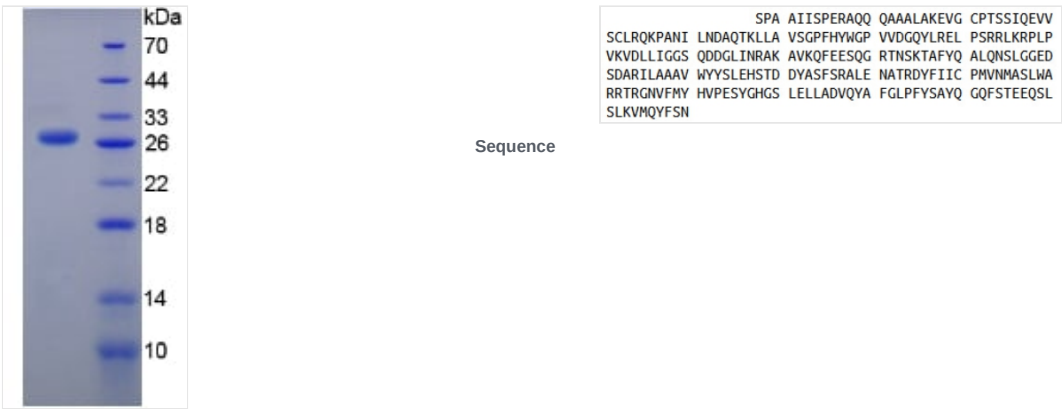
CATALOG # AAA135492	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Thyroglobulin (TG); Recombinant Thyroglobulin (TG); TG recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 0.01% SKL, 5% Trehalose .
Concentration	120ug/mL (varies by lot)
Applicable Applications for TG recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser2418~Asn2660
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	7.8
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	124430576
NCBI GeneID	21819
NCBI Accession #	NP_033401.2
NCBI GenBank Nucleotide #	NM_009375.2
UniProt Accession #	O08710; O88590; Q2NKY1; Q9QWY7
Molecular Weight	Predicted Molecular Mass: 30.7kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	thyroglobulin
NCBI Official Synonym Full Names	thyroglobulin
NCBI Official Symbol	Tg
NCBI Official Synonym Symbols	Tgn; cog
NCBI Protein Information	thyroglobulin; congenital goiter
UniProt Protein Name	Thyroglobulin
UniProt Gene Name	Tg
UniProt Synonym Gene Names	Tgn; Tg
UniProt Entry Name	THYG_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.