

Thyroglobulin (TG) Recombinant Protein | TG recombinant protein

Recombinant Thyroglobulin (TG)

CATALOG # AAA135472	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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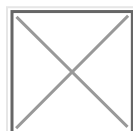
PRODUCT SYNONYMS

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

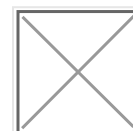
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Residues:S er2083~Ala 2333(Acces sion#P0126 6),withtwo N-terminal Tags,His-t agandT7-ta g.The targe tproteinis fusedwitht woN-termin alTags,His -tagandT7- tag,itsseq uenceis lis tedbelow.M GSSHHHHHS SGLVPRGSHM ASMTGGQQMG RGS-SLTEKV SLDSWQSLAL SSVVVDPSIR HFDVAHVSTA ATSNFSAVRD LCLSECSQHE ACLITTLQTQ PGAVRCMFYA DTQSCTHSLQ GQNCRLLE EATHIYRKPG ISLLSYEASV PSVPISTHGR LLGRSQAIQV GTSWKQVDQF LGVPYAAPPL AERRFQAPPEP LNWTSWDAS KPRASCWQPG TRTSTSPGVS EDCLYLNVI PQNVAPNASV LVFFHNTMDR EESEGWPAID GSFLAAVGNL IVVTA
Sequence Length	2768
Applicable Applications for TG recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770862
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NCBI GeneID	7038
NCBI Accession #	NP_003226.4
NCBI GenBank Nucleotide #	NM_003235.4
UniProt Accession #	P01266; O15274; O43899; Q15593; Q15948; Q9NYR1; Q9NYR2; Q9UMZ0; Q9UNY3
Molecular Weight	30.9kDa
NCBI Official Full Name	thyroglobulin
NCBI Official Synonym Full Names	thyroglobulin
NCBI Official Symbol	TG
NCBI Official Synonym Symbols	TGN; AITD3
NCBI Protein Information	thyroglobulin
UniProt Protein Name	Thyroglobulin
UniProt Gene Name	TG
UniProt Synonym Gene Names	Tg
UniProt Entry Name	THYG_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/tg-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135472>