

Thyroid Peroxidase (TPO) Recombinant Protein | TPO recombinant protein

Recombinant Thyroid Peroxidase (TPO)

CATALOG # AAA133873	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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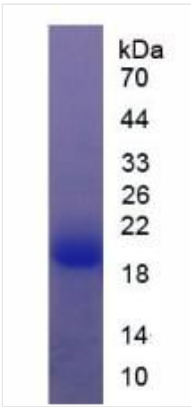
PRODUCT SYNONYMS

Thyroid Peroxidase (TPO); Recombinant Thyroid Peroxidase (TPO); TPO 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	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSQSEF-QF STDALSADIL ATIANLSGCL PFMLPPRCPD TCLANKYRPI TGVCCNNRDHP RWGASNTALA RWLPPVYEDG FSQPRGWNPN FLYHGFLPP VREVTRHLIQ VSNEAVTEDD QYSDFLPVWG QYIDHDIALT PQSTSTAFAW GGVCQLTCE NQNPCFPIQL PSNSSRTT
Sequence Length	914
Applicable Applications for TPO recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Gln107~Thr276 (Accession # P14650) with N-terminal His-Tag
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 target protein. 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. (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



QFST DALSADILAT IANLSGCLPF MLPPRCPTDC LANKYRPITG
VCNNRDHPRW GASNTALARW LPPVYEDGFS QPRGWNPNFL YHGFPLPPVR
EVTRHLIQVS NEAVTEDDQY SDFLPVWGQY IDHDIALTPQ STSTAAFWGG
VDCQLTCENQ NPCFPIQLPS NSSRTT

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	129832
NCBI GeneID	54314
UniProt Accession #	P14650
Molecular Weight	20.5kDa
NCBI Official Full Name	Thyroid peroxidase
NCBI Official Synonym Full Names	thyroid peroxidase
NCBI Official Symbol	Tpo
NCBI Protein Information	thyroid peroxidase
UniProt Protein Name	Thyroid peroxidase
UniProt Gene Name	Tpo
UniProt Synonym Gene Names	TPO
UniProt Entry Name	PERT_RAT

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/tpo-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133873>