

Thyroid Peroxidase (TPO) Recombinant Protein | TPO recombinant protein

Recombinant Thyroid Peroxidase (TPO)

CATALOG # AAA134551	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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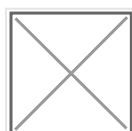
PRODUCT SYNONYMS

Thyroid Peroxidase (TPO); Recombinant Thyroid Peroxidase (TPO); TPO recombinant protein

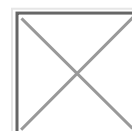
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 350ug/mL (varies by lot)
Sequence	VISAVETSQL MVDHAVYNTM KRNLKKREVL SPAQLLSFFK LPESTSGAIS RAAEIMETSI QVMKREQSQF STDALSADIL GTIANLSGCL PFMLPPRCPD TCLANKYRPI TGACNNRDHP RWGASNTALA RWLPPVYEDG FSQPKGWNPN FLYHGFPLPP VREVTRHLIQ VSNEAVTED
Applicable Applications for TPO recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val39~Asp217
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	7.2
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.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678417
NCBI GeneID	22018
NCBI GenBank Nucleotide #	NM_009417.2
Molecular Weight	Predicted Molecular Mass: 21.2kDa Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.
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_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.

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Online datasheet: <https://stage.aaabiotech.com/tpo-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134551>