

Thyroid peroxidase Recombinant Protein | TPO recombinant protein

Recombinant Rat Thyroid peroxidase

CATALOG # AAA113659	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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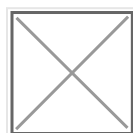
PRODUCT SYNONYMS

Thyroid peroxidase; Recombinant Rat Thyroid peroxidase; TPO recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	32-834. Partial, provide the complete extracellular domain.
Sequence	GKTM TSHVIS VVETSQ LLVD NAVYNTMKRN LKKRGVLSPA QLLSF SKLPE STSGAISRAA EIMETSIQVM KREQSQFSTD ALSADILATI ANLSGCLPFM LPPRCPTCL ANKYRPITGV CNNRDHPRWG ASNTALARWL PPVYEDGFSQ PRGWNPNFLY HGFPLPPVRE VTRHLIQVSN EAVTEDDQYS DFLPVWGQYI DHDIALTPQS TSTA AFWGGV DCQLTCENQN PCFPIQLPSN SSRTTACL PF YRSSAACGTG DQGALFGNLS AANPRQQMNG LTSFLDASTV YGSSPGVEKQ LRNWSSSAGL LRVNTLH LDS GRAYLPFASA ACAPEPGAPH ANRTPCFLAG DGRASEVPAL AAVHTLWLRE HNRLATAFKA INTHWSANTA YQEARKV VGA LHQIITMRDY IPKILGPDAF RQYVG PYEGY NPTVNPTVSN VFSTAAFRFG HATVHPLVRR LNTDFQD HTE LPRLQLHDVF FRPWRLIQEG GLDPIVRGLL ARPAKLQVQE QLMNEELTER LFVLSNVGTL DLASLNLQRG RDHGLPGYNE WREFCGLSRL DTGAELNKAI ANRSMV NKIM ELYKHADNID VWLGGLAEKF LPGARTGPLF ACIIGQMKA LRDGDRFWWE NSHVFTDAQR QELEKHS LPR VICDNTGLTR VPVDAFRIGK FPQDFESCEE IPSMDLRLWR ETFPQDDKCV FPEKVDNGNF VHCEESGKLV LVYSCFHGYK LQGQEQTCT QNGWDSEPPV CKDVNECADL THPPCHSSAK CKNTKGSFQC VCTDPYMLGE DEKTCIDSGR LPR
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TPO recombinant protein	Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T3 and T4.
References	Complete nucleotide sequence of the cDNA for thyroid peroxidase in FRTL5 rat thyroid cells.Derwahl M., Seto P., Rapoport B.Nucleic Acids Res. 17:8380-8380(1989) Thyroid peroxidase rat cDNA sequence, chromosomal localization in mouse, and regulation of gene expression by comparison to thyroglobulin in rat FRTL-5 cells.Isozaki O., Kohn L.D., Kozak C.A., Kimura S.Mol. Endocrinol. 3:1681-1692(1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	129832
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NCBI GeneID	54314
UniProt Accession #	P14650
Molecular Weight	116.4KD
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-or-yeast-or-baculovirus-or-mammalian-cell/113659>