

Thyroid Peroxidase Recombinant Protein | TPO recombinant protein

Recombinant Human Thyroid Peroxidase

CATALOG #
AAA38255

PRODUCT SYNONYMS

Thyroid Peroxidase; Recombinant Human Thyroid Peroxidase; TPO Human; Thyroid Peroxidase Human Recombinant; Thyroid peroxidase; EC 1.11.1.8; TPO; MSA; TPX; TPO recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 95% as determined by Densitometric Analysis.
Form/Format	TPO is supplied at a concentration of 0.81 mg/ml in 16mM HEPES pH-7.6, 160mM NaCl, 0.08mM KI and 20% glycerol
Sequence Length	933
Source	Sf9 Insect Cells
Coating concentration	0.15-0.375ug/ml (depending on the type of ELISA plate and coating buffer). Suitable for biotinylation and iodination.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TPO recombinant protein	Description: Thyroid Peroxidase Human Recombinant produced in SF9 is a glycosylated, polypeptide chain containing 834 amino acids and having a molecular mass of 93 kDa (excluding glycosylation), 101 kDa total mass. The TPO is expressed with a -6xHis tag and purified by proprietary chromatographic techniques.
Product Categories/Family for TPO recombinant protein	Enzymes; Oxidase

NCBI AND UNIPROT INFORMATION

NCBI GI #	28558982
NCBI GeneID	7173
NCBI Accession #	NP_000538.3
NCBI GenBank Nucleotide #	NM_000547.5
UniProt Accession #	P07202; P09934; P09935; Q8IUL0; Q8NF94; Q8NF95; Q8NF96; Q8NF97; Q8TCI9
NCBI Official Full Name	thyroid peroxidase isoform a
NCBI Official Synonym Full Names	thyroid peroxidase
NCBI Official Symbol	TPO
NCBI Official Synonym Symbols	MSA; TPX; TDH2A
NCBI Protein Information	thyroid peroxidase; thyroid microsomal antigen; thyroperoxidase
UniProt Protein Name	Thyroid peroxidase

UniProt Gene Name	TPO
UniProt Synonym Gene Names	TPO
UniProt Entry Name	PERT_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://www.aaabiotech.com/tpo-recombinant-protein/38255>