Recombinant Rat Tpo protein, His-tagged

Cat. No. Tpo-2803R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tpo aa. (Gln107~Thr276 (Accession # P14650)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln107~Thr276
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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°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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Tpo thyroid peroxidase [Rattus norvegicus (Norway rat)]
Official Symbol	Tpo
Synonyms	thyroid peroxidase; truncated thyroid peroxidase
Gene ID	54314
mRNA Refseq	NM_019353.2
Protein Refseq	NP_062226.2
UniProt ID	P14650

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