Recombinant Human TPO protein(257 Ser/Ala, 725 Pro/Thr), His-tagged

Cat. No. TPO-116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPO protein(P07202-1)(Met 1-Arg846, 257 Ser/Ala, 725 Pro/Thr) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-846 aa,257 Ser/Ala, 725 Pro/Thr
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	The secreted recombinant human TPO comprises 842 amino acids and has a predicted molecular mass of 93.8 kDa. ? The apparent molecular mass of rh TPO (1-846) is approximately 90-100 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TPO thyroid peroxidase [Homo sapiens]
Official Symbol	TPO
Synonyms	TPO; thyroid peroxidase; TPX; thyroperoxidase; thyroid microsomal antigen; MSA; TDH2A;
Gene ID	7173
mRNA Refseq	NM_000547
Protein Refseq	NP_000538
MIM	606765
UniProt ID	P07202

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA