

Active Recombinant Human TPO Protein, Animal Free

Cat. No. TPO-50H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPO Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	TPO belongs to the EPO/TPO protein family. TPO protein is an 80 to 85 kDa monomeric glycoprotein. TPO is primarily produced in the liver and regulates the formation of megakaryocytes and platelets. C terminal domain glycosylation is thought to be important for the secretion of TPO from cells and for survival of TPO in the circulation.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of human Mo7e cells.
Molecular Mass	80-85 kDa
Endotoxin	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80

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Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

Reconstitution Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

GENE INFORMATION

Gene Name TPO thyroid peroxidase [Homo sapiens (human)]

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

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