

Datasheet for ABIN7607444

**Thrombopoietin Protein (THPO) (AA 22-353) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	Thrombopoietin (THPO)
Protein Characteristics:	AA 22-353
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Thrombopoietin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human THPO Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured in a cell proliferation assay using human megakaryocytic leukemic cells (M07e). The ED50 for this effect is 10-50 ng/mL.

## Target Details

Target:	Thrombopoietin (THPO)
Alternative Name:	Myeloproliferative leukemia virus oncogene ligand ( <a href="#">THPO Products</a> )

## Target Details

Background:	Myeloproliferative leukemia virus oncogene ligand, C-mpl ligand, Thrombopoietin, THPO, Megakaryocyte colony-stimulating factor, Megakaryocyte growth and development factor, ML, MGDF
UniProt:	<a href="#">P40225</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Hormone Activity</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months