

Datasheet for ABIN7607445

Thrombopoietin Protein (THPO) (AA 22-356) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Thrombopoietin (THPO)
Protein Characteristics:	AA 22-356
Origin:	Mouse
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 Mouse THPO Protein, N-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 0.4-2.4 ng/mL.

Target Details

Target:	Thrombopoietin (THPO)
Alternative Name:	Myeloproliferative leukemia virus oncogene ligand (THPO Products)

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:	P40226
Pathways:	JAK-STAT Signaling , Hormone Activity

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