

Datasheet for ABIN7607446

MPL Protein (AA 26-491) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	MPL
Protein Characteristics:	AA 26-491
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This MPL protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CD110/MPL 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 by its ability to inhibit the Tpo-dependent proliferation of human megakaryocytic leukemic cells (MO7e). The ED50 for this effect is less than 5 µg/mL in the presence of 7.5 ng/mL of rhTpo.

Target Details

Target:	MPL
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Target Details

Alternative Name:	TPO-R (MPL Products)
Background:	TPO-R, TPOR, Thrombopoietin receptor, MPL, Myeloproliferative leukemia protein, Proto-oncogene c-Mpl, CD110
UniProt:	P40238
Pathways:	JAK-STAT Signaling

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