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MPL Protein (AA 22-489) (His tag)



Overview

Quantity:	100 μg
Target:	MPL
Protein Characteristics:	AA 22-489
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPL protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus c-MPL/Thrombopoietin R Protein
Sequence:	Gln22-Thr489
Characteristics:	Recombinant Cynomolgus c-MPL/Thrombopoietin R Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Gln22-Thr489.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 μm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus c-MPL, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-C-MPL Antibody, hFc Tag with the EC50 of 12.7ng/ml determined by ELISA. See testing image for detail.

Target Details

c-MPL (MPL Products) The c-mpl gene encodes a member of the hematopoietic cytokine receptor superfamily. This gene was discovered through the study of a murine retrovirus which induces an acute myeloproliferative syndrome in mice.MPLV (for myeloproliferative leukemia virus) has transduced a truncated and constitutively activated form of the c-mpl receptor chain. High
The c-mpl gene encodes a member of the hematopoietic cytokine receptor superfamily. This gene was discovered through the study of a murine retrovirus which induces an acute myeloproliferative syndrome in mice.MPLV (for myeloproliferative leukemia virus) has
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levels of c-mpl expression were detected in 45 % of acute myeloid leukemia (AML). No correlation was found between c-mpl expression and the French-American-British classification subtype of AML.
53.48 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
A0A2K5UGC7
JAK-STAT Signaling
For Research Use only
Liquid
Supplied as 0.22 μ m filtered solution in 20 mM Tris, 500 mM NaCl, 3 mM DTT, 10 % Glycerol (pH 7.5).
Dithiothreitol (DTT)
This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
-80 °C
Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
12 months