

Active Recombinant Human MPL protein, His-tagged

Cat. No. MPL-1935H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MPL protein(P40238-1)(Gln26-Trp491) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	26-491 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human 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 3.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 53.6 kDa. Due to glycosylation, the protein migrates to 67-77 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [MPL myeloproliferative leukemia virus oncogene \[Homo sapiens \]](#)

Official Symbol [MPL](#)

Synonyms MPL; myeloproliferative leukemia virus oncogene; thrombopoietin receptor; CD110; TPOR; TPO-R; proto-oncogene c-Mpl; myeloproliferative leukemia protein; MPLV; C-MPL; THCYT2;

Gene ID [4352](#)

mRNA Refseq [NM_005373](#)

Protein Refseq [NP_005364](#)

MIM [159530](#)

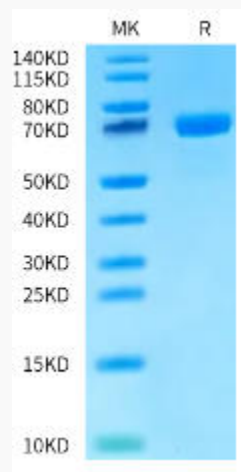
UniProt ID [P40238](#)

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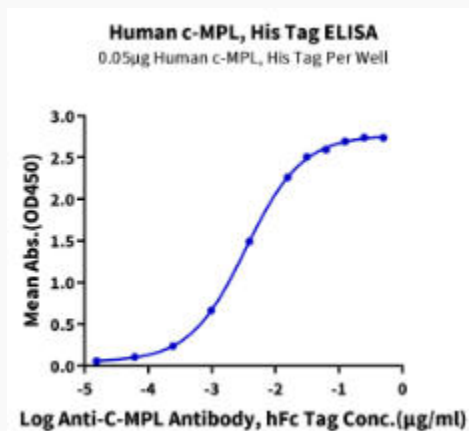
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Bis-Tris PAGE



ELISA Data



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