

Active Recombinant Human MPL protein, His-tagged

Cat. No. MPL-4592H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MPL protein(Gln26-Trp491), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-491 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Immobilized Human c-MPL, His Tag at 0.2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-c-MPL Antibody, hFc Tag with the EC50 of 9.1ng/ml determined by ELISA.
Molecular Mass	53.6 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.≥ 95 % as determined by HPLC.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

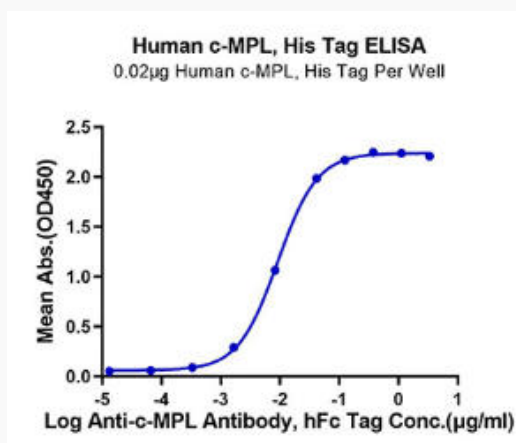
UniProt ID [P40238](#)

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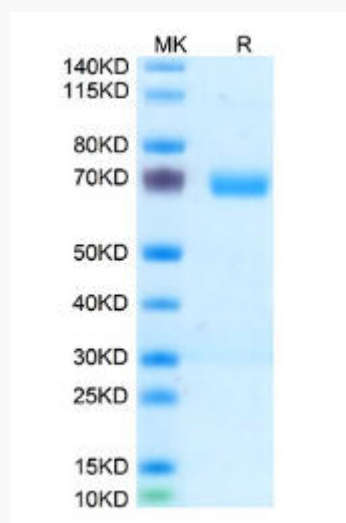
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Activity



SDS-PAGE



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