

Recombinant Rat Mpl, His tagged

Cat. No. Mpl-35R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mpl mature form (Met1-Ala500), fused with a polyhistide tag at the C-terminus, was produced in Baculovirus-Insect cells.
Species	Rat
Source	Insect Cells
ProteinLength	1-500 a.a.
Predicted N Terminal	Gln 22
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10%glycerol, pH 7.5. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat MPL consists of 490 amino acids and predicts a molecular mass of 55.1 KDa. It migrates as an approximately 55 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

Mpl[MPL proto-oncogene, thrombopoietin receptor [?Rattus norvegicus?(Norway rat)]

Official Symbol

Mpl

Gene ID

366455

mRNA Refseq

XM_008764089

Protein Refseq

XP_008762311

**Chromosome
Location**

5q36

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