

c-MPL / CD110 / TPOR recombinant protein

Recombinant Rat c-MPL / CD110 / TPOR Protein (His tag)

CATALOG #
AAA173599

HOST
Baculovirus-Insect Cells

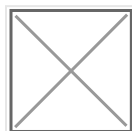
PRODUCT SYNONYMS

c-MPL / CD110 / TPOR; Recombinant Rat c-MPL / CD110 / TPOR Protein (His tag); MPL; c-MPL / CD110 / TPOR recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus-Insect Cells
Purity/Purification	> 90 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10%glycerol, pH 7.5, 5% Trehalose, 5% Mannitol, 0.01% Tween-80
Sequence	Met1-Ala50 0
Speices	Rat
Endotoxin	< 1.0 EU per mug of the protein as determined by the LAL method
Tag	C-His
Reconstitution	We recommend tha tthe vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.15 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized protein should be stored at <-20°C, Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at <-20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for c-MPL / CD110 / TPOR recombinant protein

Background: CD110, also known as c-MPL, is a 635 amino acid transmembrane domain, with two extracellular cytokine receptor domains and two intracellular cytokine receptor box motifs. It is expressed at a low level in a large number of cells of hematopoietic origin. C-MPL is homologous with members of the hematopoietic receptor superfamily. Presence of anti-sense oligodeoxynucleotides of c-mpl inhibited megakaryocyte colony formation. Thrombopoietin is the ligand for c-mpl. It was shown to be the major regulator of megakaryocytopoiesis and platelet formation. Defects in c-MPL are a cause of congenital amegakaryocytic thrombocytopeniawhich is a disease characterized by isolated thrombocytopenia and megakaryocytopenia with no physical anomalies. Defects in c-MPL also cause thrombocythemia type 2 and myelofibrosis with myeloid metaplasia.

NCBI AND UNIPROT INFORMATION

Molecular Weight

Mol_Mass: 55.1 kDa
AP_Mol_Mass: 55kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/c-mpl/-cd110/-tpor-recombinant-protein-baculovirus-insect-cells/173599>