

Recombinant Mouse Thrombopoietin/THPO Protein

RPCB1698



Product Information

Product SKU:	RPCB1698	Gene ID:	21832	Size:	10µg
Tag:	C-6His	Reactivity:	Mouse		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P40226-1
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Thrombopoietin (TPO or THPO), also known as myeloproliferative leukemia virus ligand (c-Mpl), is a hematopoietic growth factor belonging to the EPO/TPO family. The thrombopoietin protein is produced mainly by the liver and the kidney that regulates the production of platelets by the bone marrow. Thrombopoietin protein stimulates both proliferation of progenitor megakaryocytes and their maturation to platelet-producing megakaryocytes, and also accelerates the recovery of platelets. Thrombopoietin protein is involved in cardiovascular disease as it regulates megakaryocyte development and enhances platelet adhesion/aggregation. It has been identified that surface c-MPL, the receptor for thrombopoietin protein, binds to the ligand and mediates the action.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse Thrombopoietin/THPO Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <0.1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

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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