

Recombinant Mouse TPO Protein

产品信息

产品名称	产品编号	规格
Recombinant Mouse TPO Protein	92611ES10	10 µg
	92611ES60	100 µg
	92611ES80	1mg

产品简介

Thrombopoietin (Tpo), is a key regulator of megakaryocytopoiesis and thrombopoiesis. TPO is a lineage-specific growth factor produced in the liver, kidney and skeletal muscle. It stimulates the proliferation and maturation of megakaryocytes, and promotes increased circulating levels of platelets in vivo. TPO signals through the c-mpl receptor, and acts as an important regulator of circulating platelets.

性能参数

Synonyms	Thrombopoietin, Megakaryocyte colony-stimulating factor, c-MPL Ligand, MGDF
Uniprot No.	P40226
Source	Mouse TPO Protein is expressed from HEK293 without tag. It contains Ser22-Thr356.
Molecular Weight	The protein has a predicted 35.6 kDa
Purity	> 95% as determined by SDS-PAGE.
Biological Activity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The EC50 for this effect is 0.04-2.4 ng/mL.
Endotoxin	< 0.01 EU per 1µg of the protein by the LAL method.
Formulation	Dissolved in sterile PBS buffer. This solution can be diluted into other aqueous buffers. Centrifuge the vial prior to opening.

储存条件

The product should be stored at -85~-65°C for 1 year from date of receipt.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.