Human TPO, His Tag, E. coli

Catalog Number	LDG065PHE
Package	5 μg / 20 μg / 100 μg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin
Human

Expression System
Escherichia coli

Affinity Tag
His Tag (N-term)

Storage Buffer
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Purity
>95% as determined by SDS-PAGE analysis.

Molecular weight
The protein has a calculated MW of 19.6 kDa.
The protein migrates as 20 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin Level
<0.01 EU per 1 μg of the protein by the LAL method.

Form
Lyophilized

Background

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Background

Thrombopoietin (TPO) is a glycoprotein that produced by the liver, kidney, marrow stroma and several other tissues. The TPO level in the blood is mostly negatively correlated with the abundance of platelets and bone marrow megakaryocytes, although multiple states of inflammation or infection, liver failure, and hematological disturbances are associated with unexpectedly high or low circulating levels of the hormone.

Synonyms

Thrombopoietin, C-mpl ligand , ML, Megakaryocyte colony-stimulating factor, Megakaryocyte growth and development factor , MGDF, Myeloproliferative leukemia virus oncogene ligand

Uniprot ID

#P40225

Sequence Note

Ser22-Leu195

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 2 weeks under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Image

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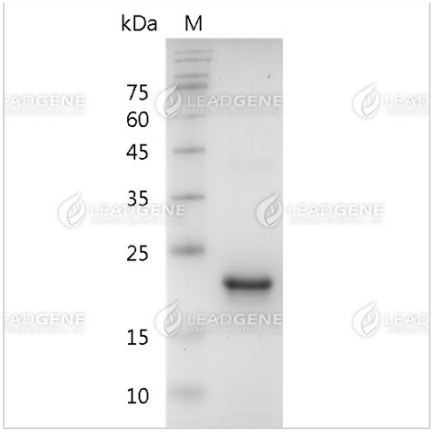

SDS-PAGE analysis of recombinant human TPO.

Disclaimer : For Research Use or Further Manufacturing Only.

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