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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Human Thrombopoietin Recombinant

Catalog #: 90249-B
Lot#: 221021

Description: Recombinant human Thrombopritein erythropoeitin, also known as TPO, is a disulfide-linked monomeric protein consisting of 332 amino acids and migrates as an approximately 35 kDa protein under reducing and non-reducing conditions.

Source: Optimized DNA sequence encoding human TPO erythropoeitin domain was expressed in Chinese Hamster Ovary Cells.

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.

Reconstitution: A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/ml. This solution can then be diluted into other buffers**.**

Storage: The lyophilized protein is stable for at least 2 years from date of receipt when stored at -20°C. Upon reconstitution, store in working aliquots at 2 - 8° C for up to one month, or at -20°C for up to six months, in the presence of a carrier protein. Avoid repeated freeze/thaw cycles.

Purity: >98%, as determined by SDS-PAGE and HPLC.

Endotoxin Level: Endotoxin level was found to be < 0.1 ng/µg (1EU/µg), using the LAL gel clot method.

Biological Activity: The ED50, was determined by the dose-dependent proliferation of Mo7e cells, was found to be in the range of 1.0-2.0 ng/ml.

References:

1. Blood, Aug 2009; 10.1182/blood-2009-04-219493.
2. J. Biol. Chem., May 2009; 284: 11781-1179