

Product Datasheet

Recombinant Human EPO-Fc Protein NBP2-34991-2ug

Unit Size: 2 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-34991-2ug

Recombinant Human EPO-Fc Protein

Product Information	
Unit Size	2 ug
Concentration	Lyoph
Storage	Store at -20C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with sterilized distilled water or 0.1% BSA aqueous buffer to a final concentration of 0.1 - 1.0 mg/ml.
Purity	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	140 kDa
Product Description	
Description	<p>A biologically active dimeric, glycosylated, polypeptide chain consisting of two mature human EPO molecules linked to the Fc portion of human IgG1 and corresponding to EPO</p> <p>Source: <i>CHO cell line</i></p> <p>A biologically active dimeric, glycosylated, polypeptide chain consisting of two mature human EPO molecules linked to the Fc portion of human IgG1 and corresponding to EPO</p> <p>Source: <i>CHO cell line</i></p>
Gene ID	2056
Gene Symbol	EPO
Species	Human
Preparation Method	Source: CHO Recombinant Human EPO/Fc produced in CHO is a dimeric, glycosylated, polypeptide chain consisting of two mature human EPO molecules linked to the Fc portion of human IgG1. The Fc component contains the CH2 domain, the CH3 domain and hinge region, but not the CH1 domain of IgG1. As a result of glycosylation, the recombinant protein migrates with an apparent molecular mass of 140 kDa in non-reducing SDS-PAGE. Lyophilized from a 0.2um filtered concentrated solution in PBS, pH 7.4.
Details of Functionality	Fully biologically active when compared to standard. The ED50 determined by a cell proliferation assay using human megakaryoblastic leukemia cells is less than 2 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁵ IU/mg.
Endotoxin Note	Less than 1EU/ug of endotoxin as determined by LAL method.
Product Application Details	
Applications	Functional, SDS-Page, Bioactivity
Recommended Dilutions	Functional, SDS-Page, Bioactivity



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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