

Product Datasheet

Recombinant Human Erythropoietin/EPO Protein NBP2-62577-500IU

Unit Size: 500IU

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

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NBP2-62577-500IU**Recombinant Human Erythropoietin/EPO Protein****Product Information**

Unit Size	500IU
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>98%, by SDS-PAGE and HPLC
Buffer	Sterile filtered liquid in sodium citrate buffer (1 liter of ddH ₂ O containing 5.9 g of sodium citrate, 5.8 g of sodium chloride and 0.06 g of citric acid).
Target Molecular Weight	38 kDa

Product Description

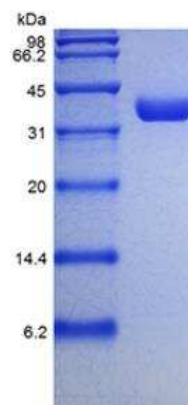
Description	<p>Native biologically active mature human EPO, containing 166 amino acid residues, has a predicted molecular mass of approximately 21 kDa. As a result of glycosylation, the recombinant protein migrates with an apparent molecular mass of 36-40 kDa in SDS-PAGE.</p> <p>Source: CHO cell line</p> <p>Amino Acid Sequence: (Accession #: P01588) APPRLICDSR VLERYLLEAK EAENITTGCA EHCSLNENIT VPDTKVNIFYA WKRMEVGQQA VEVWQGLALL SEAVLRGQAL LVNSSQPWEP LQLHVDKAVS GLRSLTTLLR ALGAQKEAIS PPDAASAAPL RTITADTFRK LFRVYSNFLR GKLKLYTGEA CRTGDR</p>
Gene ID	2056
Gene Symbol	EPO
Species	Human
Details of Functionality	Fully biologically active when compared to standard. The Specific Activity was measured by the stimulation of reticulocyte production in normocyth-aemic mice and was found to be no less than 1.5×10^5 IU/mg.
Endotoxin Note	Less than 0.01 EU/ug of rHuEPO-alpha as determined by LAL method.

Product Application Details

Applications	Functional, SDS-Page
Recommended Dilutions	Functional, SDS-Page

Images

SDS-Page: Recombinant Human Erythropoietin Protein [NBP2-62577]





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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 2 years from date of receipt.

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

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