

Human Erythropoietin/EPO protein (Recombinant) (C-hFc) (STJP002754)
STJP002754

GENERAL INFORMATION

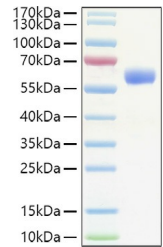
Product Type Proteins
Short Description
Host/Source HEK293 cells

PRODUCT PROPERTIES

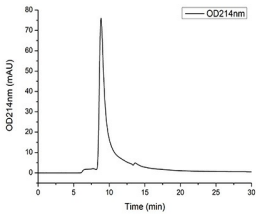
Concentration
Formulation Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Purification
Dilution Range > 95% by SDS-PAGE.
Storage Instruction Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

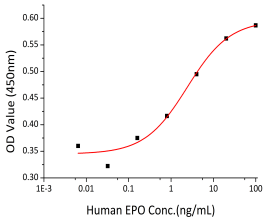
Gene ID 2056
Gene Symbol EPO
Uniprot ID EPO_HUMAN
Immunogen Sequence



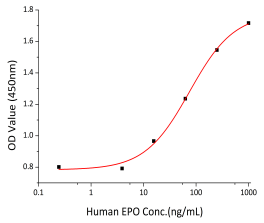
Recombinant Human Erythropoietin/EPO Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60-65kDa.



The purity of Human EPO/MVCD2 Protein (Cat. STJP002754) was greater than 95% as determined by SEC-HPLC.



Recombinant Human EPO promotes the proliferation of TF1 human erythroleukemic cells. The ED₅₀ for this effect is 1.25-5ng/mL, corresponding to a specific activity of 2.0 AU 10⁵-sup>5</sup>-8.0A 10⁵-sup>5</sup>-units/mg.



Immunized Human EPOR at 1 Mu g/mL (100 Mu L/well) can bind Human EPO with a linear range of 0.24-74.89 ng/mL.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081