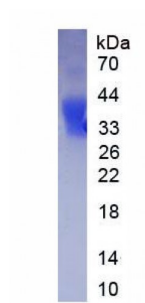


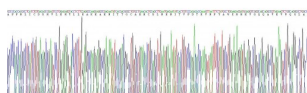
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Human Erythropoietin Protein (Active)

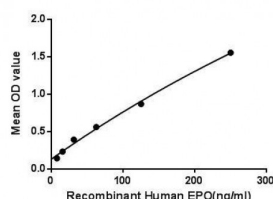
Catalogue No.: abx652296



SDS-PAGE analysis of Human Erythropoietin.



Gene sequencing extract of Human Erythropoietin.



Binding activity of Erythropoietin with Erythropoietin Receptor (EPOR).

Erythropoietin Protein (Recombinant) is an active Human protein. It is produced in 293F cells using Eukaryotic expression.

Target: Erythropoietin

Origin: Human

Host: 293F cell

Tested Applications: WB, SDS-PAGE

Purity: > 92%

Form: Lyophilized

Reconstitution: Reconstitute in 10 mM PBS (pH 7.6) to a concentration of 0.1-1.0 mg/ml. Do not vortex.

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Conjugation: Unconjugated

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

Expression: Recombinant

Molecular Weight: 20.0 kDa (Predicted Molecular Mass), 33-40 kDa (Accurate Molecular Mass as determined by SDS-PAGE)
Possible reasons why the actual band size differs from the predicted band size:

1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

Sequence Fragment: Ala28-Arg193

Tag: N-terminal His-tag.

Activity: Active

Buffer: Prior to lyophilization: 10 mM PBS, pH 7.6, 5% trehalose.

Note: This product is for research use only.