

Human Erythropoietin alpha (EpoA), Recombinant Protein

Catalogue number: 153802

Sub-type: Cytokine

Images:

Contributor

Inventor: Natasa Skoko

Institute: International Centre For Genetic Engineering And Biotechnology (ICGEB)

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Human Erythropoietin alpha (EpoA), Recombinant Protein

Alternate name: Epoetin, Erythropoietin, EP

Class:

Conjugate:

Description: Erythropoietin (EPO) is a glycoprotein growth factor that is produced primarily in the kidney in response to hypoxia or anemia. It is the principal physiological regulator of erythropoiesis. EPO promotes erythropoiesis by binding to a homodimeric cell surface receptor that activates JAK2/STAT5, PI3K/AKT, and MAPK pathways, and stimulates the proliferation and differentiation of erythroid progenitor cells.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

APPRLICDSRVLERYLLLEAKEAENITTGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQQAVEVWQGLALLS

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight: 18.4 kDa

Ic50:

Applications

Application:

Application notes: Molecular Weight: 18.4 kDa UniProt number P01588

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: -20° C

Shipping conditions: Dry Ice

Related tools

Related tools:

References

References:

CancerTools.org