Serum Free-Suspension adapted recombinant CHO-K1 cell line with stable production of second generation Human Erythropoietin protein called Darbepoetin (Darbe)

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Images:

Contributor

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Images:

Tool details

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Name: Serum Free-Suspension adapted recombinant CHO-K1 cell line with stable production of second generation Human Erythropoietin protein called Darbepoetin (Darbe)

Alternate name: haematopoietin, or haemopoietin

Class:
Conjugate:
Description:
Purpose:
Parental cell: CHO-K1
Organism: Hamster
Tissue: Ovary
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details: The CHO-K1 cells were transduced with the two different lentiviral vectors for stable constitutive expression of 1) Darbepoetin gene and 2) a ShRNA targeting a specific protease that can cleave the EPO protein. G418 and Puromycin were used for selection of stable clones. The Darbepoetin is expressed without any affinity tag and is actively secreted in the culture supernatant. The adherent cells were adapted in serum free media (CD Forti media) and grown in shake flask.
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Erythropoietin (EPO), Darbepoetin (Darbe)

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format:
Concentration:
Passage number:
Growth medium: Grown in Serum Free CD Forti media. The cells are grown in a CO_2 incubator at 37??Â°C with 5% CO_2 with shaking.
Temperature: 37° C
Atmosphere: 5% CO_2
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions:

Related tools

Related tools:

References

References: A VECTOR, A HOST CELL AND A METHOD THEREOF (PCT/IB2019/052213)