

## **Epoetin beta**

Epoetin beta is a synthetic, recombinant form of erythropoietin, a protein that promotes the production of red blood cells. It is an erythropoiesis-stimulating agent (ESA) that is used to treat anemia, commonly associated with chronic renal failure and cancer chemotherapy.

## **Chemistry**

Epoetin beta is a recombinant form of human erythropoietin which is produced in Chinese hamster ovary cells. It has the same protein sequence as natural human erythropoietin, being composed of 165 amino acids with about 30 KDa molecular weight.