

ANCESTIM

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| SYNONYMS | Human stem cell factor, SCF, r-methHuSCF |
| BRAND NAME | STEMGEN |
| DRUG CLASS | Human stem cell factor |
| AVAILABILITY | Vial contains 1.875 mg of ancestim. Also contains mannitol, sucrose, glutamic acid and histidine. ¹ |
| WARNING | Anaphylactic reactions may occur. Resuscitation facilities must be readily available. ¹ |
| pH | 6 when reconstituted ¹ |
| PREPARATION | Reconstitute the vial with 1.2 mL of water for injections to make a concentration of 1.5 mg/mL. ¹ Gently swirl the vial to avoid foaming. Do not shake. ¹ |
| STABILITY | Vial: store at 2 to 8 °C. Do not freeze. Stable for 3 days at 29 °C. ¹ Reconstituted solution: stable for 24 hours at 2 to 8 °C and 29 °C. Storage at 2 to 8 °C is preferred but bring to room temperature before injecting. ¹ |
| ADMINISTRATION | |
| IM injection | Not recommended |
| SUBCUT injection | Suitable. ¹ Given with filgrastim as separate injections at different sites. ¹ |
| IV injection | Contraindicated ¹ |
| IV infusion | Contraindicated ¹ |
| COMPATIBILITY | Not applicable |
| INCOMPATIBILITY | No information |
| SPECIAL NOTES | Allergic reactions are common and include urticaria, cough, angioedema, tachycardia, hypotension. Reactions can occur up to 12 hours after the injection. ¹ Give an antihistamine and ranitidine 300 mg 12 to 24 hours before the first injection and 60 to 90 minutes before each injection. Continue until 48 hours after the last injection. Also give a beta agonist bronchodilator e.g. salbutamol inhaler 2 puffs, 30 to 60 minutes, before each injection. ¹ Monitor the patient for injection reactions for at least 1 hour after ancestim is given. ¹ Ancestim and filgrastim should not be given in the period 24 hours before to 24 hours after chemotherapy. ¹ |

REFERENCES

1. Product information. Available from www.tga.gov.au. Accessed 13/05/16.