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## Product Datasheet

### Pig SCF protein, His tag (active), Unconjugated GTX00337-PRO

Article Name	Pig SCF protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX00337-PRO
Supplier Catalog Number	GTX00337-pro
Alternative Catalog Number	GTX00337-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Porcine
Conjugation	Unconjugated
NCBI	<a href="#">397509</a>
UniProt	<a href="#">Q29030</a>
Buffer	Reconstitute with 10mM PBS (pH7.4) to 0.1-1.0mg/ml. Do not vortex. Lyophilized from PBS (pH7.4), 0.01% SKL, 1mM DTT, 5% Trehalose, ProClin 300.
Expression System	HEK293 cells
Form	Lyophilized powder
Sequence	N-terminal His-Tag, Thr25~Ala191 (NP_999434.2)

Application Notes	<p>Stem cell factor (SCF), also known as mast cell growth factor (MGF), and steel factor (SLF), plays an important role in hematopoiesis, spermatogenesis, and melanogenesis. SCF has been shown to stimulate the proliferation of TF-1 cells. To test this effect, TF-1 cells were seeded into triplicate wells of 96-well plates at a density of <math>1 \times 10^4</math> cells/well and incubated for 72h in the presence or absence of various concentrations of SCF at 37°C. Cell proliferation of TF-1 cells after incubation with SCF FOR 72h was observed by inverted microscope.</p>
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