

## Product Datasheet

### Porcine GMCSF Protein (orb611012)

<b>Description</b>	Recombinant Porcine GMCSF protein
<b>Preservatives</b>	The protein was lyophilized from a sterile (0.2µm) filtered solution containing 10mM sodium phosphate, pH 7.5.
<b>Form/Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Storage</b>	Stability: Lyophilized GMCSF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GMCSF should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>Application notes</b>	Cytokines And Growth Factors
<b>Protein Sequence</b>	MAPTRPPSPV TRPWQHVD AI KEALSL LNNS NDTAAVMNET VDVVCEMFDP QEPTCVQTRL NLYKQGLRGS LTRLKSPLTL LAKHYEQHCP LTEETSCETQ SITFKSFKDS LNKFLFTIPF DCWGPVKK
<b>Purity</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Source</b>	Escherichia Coli
<b>Solubility (25°C)</b>	It is recommended to reconstitute the lyophilized GMCSF in sterile 18MΩ-cm H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Expiration Date</b>	12 months from date of receipt.