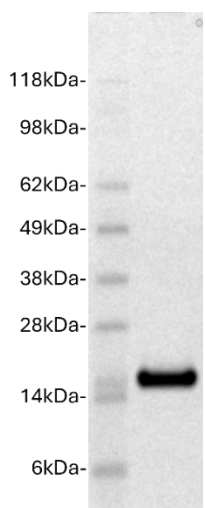


**Granulocyte-macrophage colony stimulating factor (GM-CSF)** is a cytokine with many functions including driving the production of myeloid cells such as monocytes, macrophages, neutrophils, and dendritic cells. It can be a key mediator of chronic inflammation and arthritis and can impact the aggressiveness of cancer. GM-CSF is used in the clinical setting for cancer patients undergoing chemotherapy, AIDS patients, and those undergoing bone marrow transplants.

Description	
Source	E. coli, Ala18-Lys141, with N-terminal His Tag
UniProt	P01587
Purity	>99% by SDS-PAGE
Predicted Molecular Mass	16.4 kDa
SDS-PAGE	17.4 kDa
Formulation	Lyophilized from 1X PBS with Trehalose
Preparation and Storage	
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein
Shipping	Ambient
Storage	2 years at -80°C; 2 years at -20°C or 4°C Upon reconstitution: 2 years at -80°C; 2 years at -20°C
Expiration	2 years from date of receipt
	Mouse GM-CSF (2µg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

For research Use Only

Ampersand Biosciences products may not be sequenced, reverse engineered, or investigated in any way to determine composition without the expressed written consent of Ampersand Biosciences.