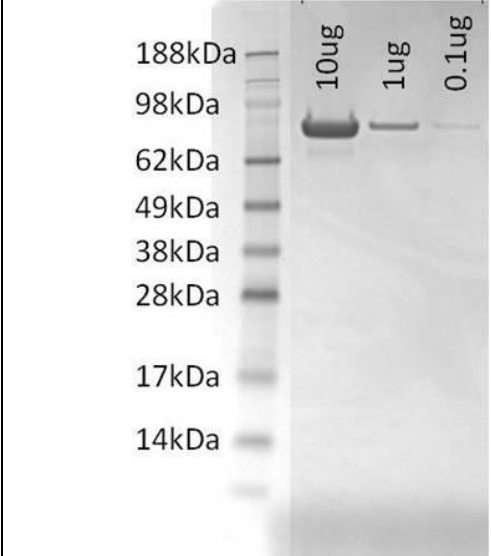


Human Gelsolin (*UnitProt # P06396*) is a potent calcium regulated actin filament severing protein that works to disassemble and reorganize the actin network. The extracellular isoform, plasma gelsolin, is suggested to act as an actin scavenging protein. Decreased levels of plasma gelsolin have been reported in trauma, burns, rheumatoid arthritis, and Alzheimer disease.

Description	
Source	E. Coli, Ala28-Ala782, with N-terminal His Tag
Purity	>95% by SDS-PAGE
Predicted Molecular Mass	84.5 kDa
SDS-PAGE	97 kDa
Formulation	Lyophilized from 1X PBS with Trelahose
Preparation and Storage	
Reconstitution	Reconstitute at 50 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
	
Human Gelsolin on a Coomassie stained 4-12% SDS PAGE gel, reducing conditions.	

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