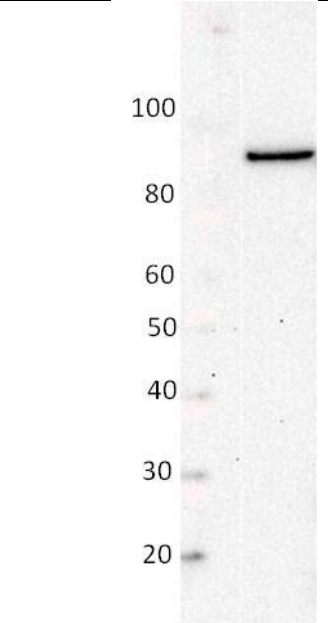


Human Gelsolin (*UnitProt # P06396*) is a potent calcium regulated actin filament severing protein that works to disassemble and reorganize the actin network. The extracellular isoform, plasma gelsolin, is suggested to act as an actin scavenging protein. Decreased levels of plasma gelsolin have been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

Description	
Source	E. Coli (ala28-ala782) with His Tag
Purity	>95% by SDS-PAGE
Predicted Molecular Mass	86 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	5 years at -80°C; 2 years at -20°C or 4°C Upon reconstitution: 5 years at -80°C; 2 years at -20°C
Expiration	06/2022
	
<p>WB Detection of human Gelsolin (P4004) with anti-human Gelsolin (R3005)</p> <p>SDS PAGE 4-12%, reducing conditions</p> <p>Blocking: 5% NFD, PBS</p> <p>Lane: Recombinant human Gelsolin (Cat # P4004), 10ng</p> <p>Blot was probed with 0.2µg/mL anti-hu Gelsolin (R3005) followed by HRP detection antibody. Human gelsolin was detected at 97kDa.</p>	