

<b>Product Name :</b>	Gelsolin
<b>Cat No. :</b>	P0032
<b>Uniprot ID:</b>	P06396
<b>Gene Description:</b>	Gelsolin (amyloidosis, Finnish type)
<b>Synonyms:</b>	Actin depolymerizing factor, ADF, AGEL, Brevin, GSN
<b>Species:</b>	Human
<b>Source:</b>	E.coli, Recombinant
<b>Character:</b>	Liquid
<b>Application :</b>	Immunogen; Standard; Calibrator
<b>Concentration:</b>	1mg/ml
<b>Purity:</b>	>90%
<b>QA Standard:</b>	SDS PAGE
<b>Buffer:</b>	0.15M PBS, pH 7.5 with 50% glycerol
<b>Storage:</b>	-20°C for one year
<b>Background:</b>	<p>Gelsolin (GSN) is an actin binding protein that regulates actin-severing/depolymerizing in a calcium dependent manner, and acts as a multifunctional regulator for cell metabolism and survival. Gelsolin exists in two isoforms: a cytoplasmic gelsolin (cGSN; 80-90 kDa) and a plasma gelsolin (pGSN; 93 kDa), differing at N terminal residues. Decreased levels of pGSN are strongly associated with human diseases, such as, acute liver injury, major trauma, myocardial infarction, inflammation, lung injury, rheumatoid arthritis, hemodialysis, multiple sclerosis, Alzheimer's disease.</p>