

Recombinant Gelsolin (GSN)

Instruction Manual

SIPA415Hu04

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	41.8kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala434~Ala782 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

AAQHGMD DDGTGQKQIW
RIEGSNKVPV DPATYGQFYG GDSYIILYNY RHGGRQGQII YNWQGAQSTQ
DEVAASAILT AQLDEELGGT PVQSRVVQGK EPAHLSLFG GKPMIIYKGG
TSREGGQTAP ASTRLFQVRA NSAGATRAVE VLPKAGALNS NDAFVLKTPS
AAYLWVGTGA SEAEKTGAQE LLRVLRAQPV QVAEGSEPDG FWEALGGKAA
YRTSPRLKDK KMDAHPPLRF ACSNKIGRFV IEEVPGELMQ EDLATDDVML
LDTWDQVFW VGKDSQEEK TEALTSAKRY IETDPANRDR RTPITVVKQG
FEPPSFVGVF LGWDDDYWSV DPLDRAMAEL AA

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

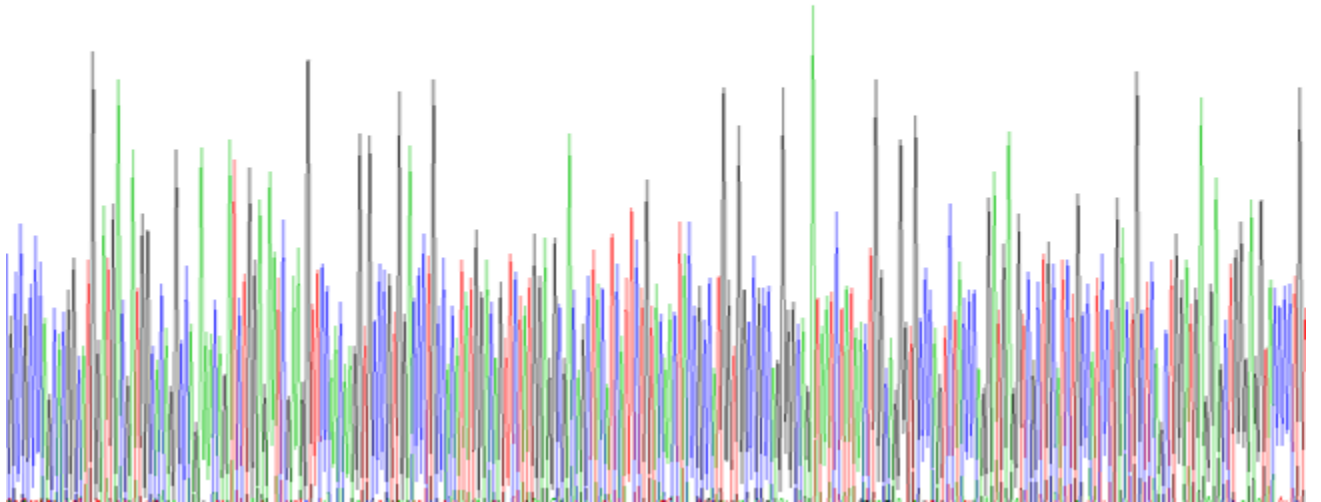
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

AAQHGKDDDGTCQKQIVRIEGSNKVPVDPATYGGQFTGGDSTIILYNYRHGGRQGQIIYVQGAQSTQDEVAASAILTAQLDEELGCTPV



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.