

Eukaryotic Gelsolin (GSN)

Instruction Manual

SFPA415Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	84.6kDa
Accurate Molecular Mass	42&80kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala28~Ala782 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ATA SRGASQAGAP QGRVPEARPN
SMVVEHPEFL KAGKEPGLQI WRVEKFDLVP VPTNLYGDFF TGDAYVILKT
VQLRNGNLQY DLHYWLGNEC SQDESGAAAI FTVQLDDYLN GRAVQHREVQ
GFESATFLGY FKSGLKYYKKG GVASGFKHVV PNEVVVQRLF QVKGRRVVRA
TEVPVSWESF NNGDCFILD L GNNIHQWCGS NSNRYERLKA TQVSKGIRDN
ERSGRARVHV SEEGTEPEAM LQVLGPKPAL PAGTEDTAKE DAANRKLAKL
YKVSNGAGTM SVSLVADENP FAQGALKSED CFILDHKGKDG KIFVWKGKQA
NTEERKAALK TASDFITKMD YPKQTQVSVL PEGGETPLFK QFFKNWRDPD
QTDGLGLSYL SSHIANVERV PFDAATLHTS TAMAAQHGMDD DGTGQKQIW
RIEGSNKVPV DPATYGQFYG GDSYIILYNY RHGGRQGQII YNWQGAQSTQ
DEVAASAILT AQLDEELGGT PVQSRVVQ GK EPAHLMSLFG GKPMIYKGG
TSREGGQTAP ASTRLFQVRA NSAGATRAVE VLPKAGALNS NDAFVLKTPS
AAYLWVG TGA SEA EKTGAQE LLRVLRAQPV QVAEGSEPDG FWEALGGKAA
YRTSPRLKDK KMDAHP PRLF ACSNKIGRFV IEEVPGELMQ EDLATDDV ML
LDTWDQV FVW VGKDSQEE EK TEALTSAKRY IETDPANRDR RTPITVVKQG
FEPPSFVGVWF LGWDDDYWSV DPLDRAMAEL AA
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USAGE

Reconstitute in 10mM PBS (pH7.4) 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



Figure. SDS-PAGE

[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.