



# AVISCERA BIOSCIENCE

## Human Soluble Gelsolin Recombinant

### Description

A DNA sequence encoding the mature human Soluble Gelsolin (Ala<sup>28</sup>–Ala<sup>782</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100 µg human Soluble Gelsolin in 100 µl of phosphate-buffered saline (PBS), Carry free.

### Reconstitution & Storage

Add 500 µl PBS to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months).

Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** mature human Soluble Gelsolin (Ala<sup>28</sup>–Ala<sup>782</sup>)

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28ATA SRGASQAGAP QGRVPEARPN SMVVEHPEFL
KAGKEPGLQI WRVEKFDLVP VPTNLYGDFE TGDAYVILKT VQLRNGNLQY
DLHYWLGNEC SQDESGAAAI FTVQLDDYLN GRAVQHREVQ GFESATFLGY
FKSGLKYKKG GVASGFKHVV PNEVVVQRLF QVKGRRVVRA TEVPVSWESF
NNGDCFILDL GNNIHQWCGS NSNRYERLKA TQVSKGIRDN ERSGRARVHV
SEEGTEPEAM LQVLGPKPAL PAGTEDTAKE DAANRKLAKL YKVSNGAGTM
SVSLVADENP FAQGALKSED CFILDHGKDG KIFVWKGKQA NTEERKAALK
TASDFITKMD YPKQTQVSVL PEGGETPLFK QFFKNWRDPD QTDGLGLSYL
SSHIANVERV PFDAATLHTS TAMAAQHGMDD DGTGQKQIW RIEGSNKVPV
DPATYGQFYG GDSYIILYNY RHGGRQGQII YNWQGAQSTQ DEVAASAILT
AQLDEELGGT PVQSRVQVK EPAHLMSLFG GKPMIYKGG TSREGGQTAP
ASTRLFQVRA NSAGATRAVE VLPKAGALNS NDAFVLKTPS AAYLWVGTTGA
SEAEKTGAQE LLRVLRAQPV QVAEGSEPDG FWEALGGKAA YRTSPRLKDK
KMDAHPPLRF ACSNKIGRFV IEEVPGELMQ EDLATDDVML LDTWDQVFW
VGKDSQEEEK TEALTSAKRY IETDPANRDR RTPITVVKQG FEPPSFGWF
LGWDDDYWSV DPLDRAMAEL AA
```

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

### Product Information

Code	00384-01-100
Name	Soluble Gelsolin (H), rec.
Lot No.	
Size	100 µg
Species	Human
Sequence	Soluble form
Protein ID	P06396
Gene ID	2934
MW	114 KDa
Tag	His tag on N terminal
Source	E. Coli
Purity	>90% in SDS-PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	Free
Storage	-20 °C ~ -70° C
Reconstitution	500 µl
Application	ELISA

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