

## Recombinant Human CSNK1G2 Protein

Catalog #	Source	Reactivity	Applications
CRP1366	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human CSNK1G2 Protein is produced by our E. coli expression system and the target gene encoding Met18-Lys415 is expressed with a 6His tag at the N-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris, 500mM NaCl, 10% Glycerol, 1mM DTT, pH 8.0.		
<b>Gene Symbol</b>	CSNK1G2		
<b>Alternative Names</b>	CK1G2; Casein kinase I isoform gamma-2; CKI-gamma 2		
<b>Entrez Gene</b>	1455 (Human)		
<b>SwissProt</b>	P78368 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MGSSHHHHH SSGLVPRGSH MSKAGGGRSS HGIRSSGTSS GVLMVGPNFR</p> <p>VGKKIGCGNF GELRLGKNLY TNEYVAIKLE PIKSRAPQLH LEYRFYKQLS ATEGVPQVYY</p> <p>FGPCGKYNAM VLELLGPSLE DLFDLCDRTF TLKTVLMIAI QLITRMEYVH TKSLIYRDVK</p> <p>PENFLVGRPG TKRQHAIHII DFGLAKEYID PETKKHIPYR EHKSLTGTAR YMSINTHLGK</p> <p>EQSRRDDLEA LGHMFMYFLR GSLPWQGLKA DTLKERYQKI GDTKRATPIE VLCENFPEEM</p> <p>ATYLRVRRLL DFFEKPDYDY LRKLFTDLFD RSGFVFDYDY DWAGKPLPTP IGTVHTDLPS</p> <p>QPQLRDKTQP HSKNQALNST NGELNADDPT AGHNSAPITA PAEVEVADET KCCCFKRRK</p> <p>RKSLQRHK</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

**WEB**  
www.cohesionbio.com

**ORDER**  
order@cohesionbio.com

**SUPPORT**  
techsupport@cohesionbio.com

**CUSTOM**  
custom@cohesionbio.com

# Product Data Sheet

**Storage/Stability** Store it at -20°C to -80°C for one year.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

## COHESION BIOSCIENCES LIMITED

**WEB**

[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**

[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)