

## Recombinant Human PRPS2 Protein

Catalog #	Source	Reactivity	Applications
CRP2165	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human PRPS2 Protein is produced by our Mammalian expression system and the target gene encoding Pro2-Leu318 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 50mM Tris-HCl, 10mM reduced Glutathione, pH 8.0.
<b>Gene Symbol</b>	PRPS2
<b>Alternative Names</b>	Ribose-phosphate pyrophosphokinase 2; PPRibP; Phosphoribosyl pyrophosphate synthase II; PRS-II
<b>Entrez Gene</b>	5634 (Human)
<b>SwissProt</b>	P11908 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	PNIVLFGSS HQDLSQRVAD RLGLELGKVV TTKFSNQETS VEIGESVRGE DVYIIQSGCG EINDNLMELL IMINACKIAS SSRVTAVIPC FPYARQDKKD KSRAPISAKL VANMLSVAGA DHIITMDLHA SSIQGGFFDIP VDNLYAEPV LQWIREINAE WKNCIIVSPD AGGAKRVTSI ADRLNVEFAL IHKERKKANE VDRMVLVGDV KDRVAILVDD MADTCGTICH AADKLLSAGA TKVYAILTHG IFSGPAISRI NNAAFEAVVV TNTIPQEDKM KHCTKIQVID ISMILAEAIR RTHNGESVSY LFSHVPLVDH HHHHH
<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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

**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

freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

**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)