

Recombinant Human CPB2 Protein

Catalog #	Source	Reactivity	Applications
CRP1335	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CPB2 Protein is produced by our mammalian expression system and the target gene encoding Phe23-Val423 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM ZnCl ₂ , 10% Glycerol, pH 7.5.		
Gene Symbol	CPB2		
Alternative Names	Carboxypeptidase B2; Carboxypeptidase U; CPU; Plasma carboxypeptidase B; pCPB; Thrombin-activable fibrinolysis inhibitor; TAFI		
Entrez Gene	1361 (Human)		
SwissProt	Q96IY4 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>FQSGQVLAAL PRTSRQVQVL QNLTTTYEIV LWQPVTADLI VKKKQVHFFV NASDVDNVKA</p> <p>HLNVSGIPCS VLLADVEDLI QQQISNDTVS PRASASYEQ YHSLNEIYSW IEFITERHPD</p> <p>MLTKIHIGSS FEKYPLYVLK VSGKEQAANK AIWIDCGIHA REWISPAFCL WFIGHTQFY</p> <p>GIIGQYTLL RLVDFYVMPV VNVDGYDYSW KKNRMWRKNR SFYANNHCIG TDLNRNFASK</p> <p>HWCEEGASSS SCSETYGLY PESEPEVKAV ASFLRRNINQ IKAYISMHSY SQHIVFPYSY</p> <p>TRSKSKDHEE LSLVASEAVR AIEKTSKNTR YTHGHGSETL YLAPGGGDDW IYDLGIKYSF</p> <p>TIELRDTGTY GFLPERYIK PTCREAFAAV SKIAWHVIRN VLDHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	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

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com