

Recombinant Mouse REG2 Protein

Catalog #	Source	Reactivity	Applications
CRP2203	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse REG2 Protein is produced by our mammalian expression system and the target gene encoding Gln23-Ala173 is expressed with a 6His tag at the N-terminus.		
Form	Lyophilized from a 0.2 µM filtered solution of PBS pH 7.4.		
Gene Symbol	REG2		
Alternative Names	Lithostathine-2; Islet of Langerhans regenerating protein 2; REG-2; Pancreatic stone protein 2; PSP; Pancreatic thread protein 2; PTP		
Entrez Gene	19693 (Mouse)		
SwissProt	Q08731 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	HHHHHHQVAE EDFPLAEKDL PSAKINCPGE ANAYGSYCY LIEDRLTWGE ADLFCQNMNA GHLVSILSQA ESNFVASLVK ESGTTASN VW TGLHDPKSNR RWHWSSGSLF LFKSWATGAP STANRGYCVS LTSNTAYKKW KDENCEAQYS FVCKFRA		
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. 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 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

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

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