

Recombinant Human MYOC Protein

Catalog #	Source	Reactivity	Applications
CRP1984	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human MYOC Protein is produced by our Mammalian expression system and the target gene encoding Arg33-Met504 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	MYOC		
Alternative Names	GLC1A; TIGR; Myocilin; Myocilin 55 kDa subunit; Trabecular meshwork-induced glucocorticoid response protein		
Entrez Gene	4653 (Human)		
SwissProt	Q99972 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	RTAQLRKAND QSGRCQYTFS VASPNESSCP EQSQAMSVIH NLQRDSSTQR LDLEATKARL SSLESLLHQL TLDQAARPQE TQEGLQRELG TLRERDQLE TQTRELETAY SNLLRDKSVL EEEKRRLRQE NENLARRLES SSQEVARLRR GQCPQTRDTA RAVPPGSREV STWNLDTLAF QELKSELTEV PASRILKESP SGYLRSGED TGCSELVWVG EPLTLRTAET ITGKYGVWMR DPKPTYPTQ ETTWRIDTVG TDVRQVFEYD LISQFMQGYD SKVHILPRPL ESTGAVVYSG SLYFQGAESR TVIRYELNTE TVKAEKEIPG AGYHGQFPYS WGGYTDIDLA VDEAGLWVIY STDEAKGAIV LSKLNPENLE LEQTWETNIR KQSVANAFII CGTLYTVSSY TSADATVNFA YDTGTGISKT LTIPFKNRYK YSSMIDYNPL EKKLFAWDNL NMVTDYDIKLS KMMVDDHHHHH H		
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		

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

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Product Data Sheet

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.

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