Recombinant Human Myocilin (MYOC)

Product Code	CSB-EP859950HU-B
Abbreviation	MYOC
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99972
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	RTAQLRKA NDQSGRCQYT FSVASPNESS CPEQSQAMSV IHNLQRDSST QRLDLEATKA RLSSLESLLH QLTLDQAARP QETQEGLQRE LGTLRRERDQ LETQTRELET AYSNLLRDKS VLEEEKKRLR QENENLARRL ESSSQEVARL RRGQCPQTRD TARAVPPGSR EVSTWNLDTL AFQELKSELT EVPASRILKE SPSGYLRSGE GDTGCGELVW VGEPLTLRTA ETITGKYGVW MRDPKPTYPY TQETTWRIDT VGTDVRQVFE YDLISQFMQG YPSKVHILPR PLESTGAVVY SGSLYFQGAE SRTVIRYELN TETVKAEKEI PGAGYHGQFP YSWGGYTDID LAVDEAGLWV IYSTDEAKGA IVLSKLNPEN LELEQTWETN IRKQSVANAF IICGTLYTVS SYTSADATVN FAYDTGTGIS KTLTIPFKNR YKYSSMIDYN PLEKKLFAWD NLNMVTYDIK LSKM
Source	E.coli
Target Names	MYOC
Protein Names	Recommended name: Myocilin Alternative name(s): Trabecular meshwork-induced glucocorticoid response protein
Expression Region	33-504
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	MYOC encodes the protein myocilin, which is believed to have a role in cytoskeletal function. MYOC is expressed in many occular tissues, including the trabecular meshwork, and was revealed to be the trabecular meshwork glucocorticoid-inducible response protein (TIGR). The trabecular meshwork is a specialized eye tissue essential in regulating intraocular pressure, and mutations in MYOC have been identified as the cause of hereditary juvenile-onset open-angle glaucoma.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

	concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.