

Recombinant Full Length Human MYOC Protein

Cat. No. MYOC-326HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Myocilin with N terminal proprietary tag, 81.55 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	504 amino acids
Description	MYOC encodes the protein myocilin, which is believed to have a role in cytoskeletal function. MYOC is expressed in many ocular 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.
Form	Liquid
Molecular Mass	81.550kDa inclusive of tags
AA Sequence	MRFFCARCCSFGPEMPAVQLLLLACLVWDVGARTAQLRKA NDQSGRCQYTFSVA SPNESSCPEQSQAMSVIHNLQRDSST QRLDLEATKARLSSLESLLHQLTLDQAARP QETQEGLQRE LGTLRRERDQLETQTRELETAYSNLLRDKSVLEEEKKRLR QENEN LARRLESSSQEVARLRRGQCPQTRDTARAVPPGSR EVSTWNLDTLAFQELKSELT EVPASRILKESPSGYLRSGE GDTGCGELVWVGEPLTLRTAETITGKYGVWMRDPKP TYPY TQETTWRIDTVGTDVRQVFEYDLISQFMQGYPSKVHILPR PLESTGAVVYSG

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SLYFQGAESRTVIRYELNTETVKAEKEI PGAGYHGQFPYSWGGYTDIDLAVDEAGL
WVIYSTDEAKGA IVLSKLNPENLELEQWTWETNIRKQSVANAFICGTLYTVS SYTSAD
ATVNFAYDTGTGISKTLTIPFKNRYKYSSMIDYN PLEKKLFAWDNLNMVTYDIKLSKM

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name MYOC myocilin, trabecular meshwork inducible glucocorticoid response [Homo sapiens]

Official Symbol MYOC

Synonyms MYOC; myocilin, trabecular meshwork inducible glucocorticoid response; GLC1A; myocilin; JOAG1; TIGR

Gene ID 4653

mRNA Refseq NM_000261

Protein Refseq NP_000252

MIM 601652

UniProt ID Q99972

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