

Myocilin (Myoc) Recombinant Protein | Myoc recombinant protein

Recombinant Mouse Myocilin (Myoc), partial

CATALOG #
AAA114345

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Myocilin (Myoc); Recombinant Mouse Myocilin (Myoc); partial; Myoc recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	213-490aa; Partial-length
Sequence	ILKENPSGRP RSKEGDKGCG ALVWVGEPVT LRTAETIAGK YGVWMRDPKP THPYTQESTW RIDTVGTEIR QVFEYSQISQ FEQGYPSKVH VLPRALESTG AVVYAGSLYF QGAESRTVVR YELDTETVKA EKEIPGAGYH GHFPYAWGGY TDIDLAVDES GLWVIYSTEE AKGAIVLSKL NPANLELERT WETNIRKQSV ANAFVICGIL YTVSSYSSAH ATVNFAIDTK TGTSKLTIP FTNRYKYSSM IDYNPLERKL FAWDNFNMVT YDIKLLEM
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Myoc recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190610029
NCBI GeneID	17926
NCBI Accession #	NP_034995.3
NCBI GenBank Nucleotide #	NM_010865.3
UniProt Accession #	O70624; O70289
Molecular Weight	55,314 Da
NCBI Official Full Name	myocilin
NCBI Official Synonym Full Names	myocilin
NCBI Official Symbol	Myoc
NCBI Official Synonym Symbols	TIGR; GLC1A; AI957332

NCBI Protein Information	myocilin
UniProt Protein Name	Myocilin
UniProt Gene Name	Myoc
UniProt Synonym Gene Names	Tigr

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/myoc-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114345>