

Myocilin (MYOC) Recombinant Protein | MYOC recombinant protein

Recombinant Myocilin (MYOC)

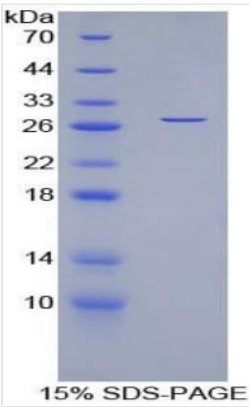
CATALOG # AAA134163	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Myocilin (MYOC); Recombinant Myocilin (MYOC); MYOC recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 2500ug/mL (varies by lot)
Sequence	ASRLKESPS GYLRSGECDT GCGELVWVGE PLTLRTAETI TGKYGVWVRD PKPTYPTQE TTWRIDTVGT DVRQVFEYDL ISQFMQGYPS KVHILPRPLE STGAVVYSGS LYFQGAESRT VIRYELNTET VKAEKEIPGA GYHGQFPYSW GGYTDIDLAV DEAGLWVIYS TDEAKGAIVL SKLNPENLEL EQTWETNIRK QSVANAFIIC GTLTYTVSSYT SADATVNFAY DTGTGISKTL TIPFKNRY
Applicable Applications for MYOC recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala224~Tyr471
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.4
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557779
NCBI GeneID	4653
NCBI Accession #	NP_000252.1
NCBI GenBank Nucleotide #	NM_000261.1
UniProt Accession #	Q99972; O00620; Q7Z6Q9; B2RD84
Molecular Weight	Predicted Molecular Mass: 28.9kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	myocilin
NCBI Official Synonym Full Names	myocilin, trabecular meshwork inducible glucocorticoid response
NCBI Official Symbol	MYOC
NCBI Official Synonym Symbols	GPOA; JOAG; TIGR; GLC1A; JOAG1; myocilin
NCBI Protein Information	myocilin; mutated trabecular meshwork-induced glucocorticoid response protein
UniProt Protein Name	Myocilin
UniProt Gene Name	MYOC
UniProt Synonym Gene Names	GLC1A; TIGR
UniProt Entry Name	MYOC_HUMAN

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-wb-western-blot-sds-page-immunogen-positive-control/134163>