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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MITF (Human) Recombinant Protein (P02)

Catalog Number: H00004286-P02

Regulation Status: For research use only (RUO)

Product Description: Human MITF full-length ORF (NP_937802.1, 1 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MQSESGIVPDFEVGEEFHEEPKTYYELKSQPLKSSSS
AEHPGASKPPISSSSMTSRILLRQQLMREQMQEQERR
EQQQKLQAAQFMQQRVPVSQTPAINVSVPTTLPSATQ
VPMEVLKVQTHLENPTKYHIQQAQRQQVKQYLSTTLA
NKHANQVLSLPCPNQPGDHVMPPVPGSSAPNSPMAM
LTLNSNCEKEGFYKFEEQNRAESECPGMNTHSRASC
MQMDDVIDDIISLESSYNEEILGLMDPALQMANTLPVS
GNLIDLYGNQGLPPPGLTISNSCPANLPNIKRELTESEA
RALAKERQKKDNHNLIERRRRFNINDRIKELGTLIPKSN
DPDMRWNKGTILKASVDYIRKLQREQQRAKELENRQK
KLEHANRHLLLRIQELEMQARAHGLSLIPSTGLCSPDL
VNRIIKQEPVLENCSQDLLQHHADLTCTTTLDLTDGTIT
FNNNLGTGTEANQAYSVPTKMGSKLEDILMDDTLSPV
GVTDPLLSSVSPGASKTSSRRSSMSMEETEHTC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.6

Interspecies Antigen Sequence: Mouse (93); Rat (93)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4286

Gene Symbol: MITF

Gene Alias: MI, WS2A, bHLHe32

Gene Summary: This gene encodes a transcription factor that contains both basic helix-loop-helix and leucine zipper structural features. It regulates the differentiation and development of melanocytes retinal pigment epithelium and is also responsible for pigment cell-specific transcription of the melanogenesis enzyme genes. Heterozygous mutations in the this gene cause auditory-pigmentary syndromes, such as Waardenburg syndrome type 2 and Tietz syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]