

Microphthalmia Associated Transcription Factor (MITF) Recombinant Protein | MITF recombinant protein

Recombinant Microphthalmia Associated Transcription Factor (MITF)

CATALOG # AAA148334	HOST E Coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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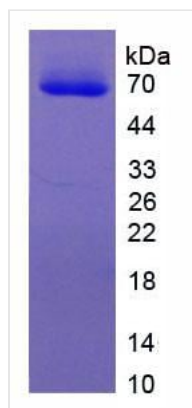
PRODUCT SYNONYMS

Microphthalmia Associated Transcription Factor (MITF); Recombinant Microphthalmia Associated Transcription Factor (MITF); WS2A; MI; bHLHe32; Homolog Of Mouse Microphthalmia; Class E basic helix-loop-helix protein 32; MITF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	419
Applicable Applications for MITF recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Fragment	RPH645Hu01
Subcellular Location	Nucleus
Isoelectric Point	5.9

IMAGES



Sequence

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MQESGIVPD FEVGEEFHEE PKTYELKSQ PLKSSSSAEH PGASKPPISS
SSMTSRILLR QQLMREQMQE QERREQQKL QAAQFMQQRV PVSQTPAINV
SVPTTLPSAT QVPMEVLKVQ THLENPTYKH IQQAQRQVK QYLSTTLANK
HANQVLSLPC PNQPGDHVMP PVPGSSAPNS PMAMLTLSN CEKEGFYKFE
EQNRAESECP GMNTHSRASC MQMDDVIDDI ISLESSYNEE ILGLMDPALQ
MANTLPVSGN LIDLYGNOGL PPPGLTISNS CPANLPNIKR ELTSEARAL
AKERQKKNH NLIERRRRFN INDRIKELGT LIPKSNPDM RWNKGITLKA
SVDYIRKLQR EQQRAKELEN RQKLEHNR HLLLRIQELE MQARAHGLSL
IPSTGLCSPD LVNRIKQEP VLENCSDLL QHHADLTCTT TLDLTDGTIT
FNNNLGTGE ANQAYSVPK MGSKLEDILM DDTLSPVGVV DPLLSSVSPG
ASKTSSRRSS MSMEETEHTC
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SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for MITF recombinant protein	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557755
NCBI GeneID	4286
NCBI Accession #	NP_000239.1
NCBI GenBank Nucleotide #	NM_000248.3
UniProt Accession #	O75030; Q14841; Q9P2V0; Q9P2V1; Q9P2V2; Q9P2Y8; B4DJL2; D3K197; E9PFN0
Molecular Weight	Predicted Molecular Weight: 61.9kDa Accurate Molecular Weight: 62kDa
NCBI Official Full Name	microphthalmia-associated transcription factor isoform 4
NCBI Official Synonym Full Names	melanogenesis associated transcription factor
NCBI Official Symbol	MITF
NCBI Official Synonym Symbols	MI; WS2; CMM8; WS2A; COMMAD; bHLHe32
NCBI Protein Information	microphthalmia-associated transcription factor
UniProt Protein Name	Microphthalmia-associated transcription factor
UniProt Gene Name	MITF
UniProt Synonym Gene Names	BHLHE32; bHLHe32

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/mitf-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/148334>