

Recombinant Human MITF

Catalog No: #GP10597



Package Size: #GP10597-1 100ug

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Description

Product Name	Recombinant Human MITF
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 354-526 amino acids of human MITF
Target Name	melanogenesis associated transcription factor
Other Names	MI; WS2; CMM8; WS2A; COMMAD; bHLHe32
Accession No.	Swissprot:O75030Gene Accession:BC026961
Uniprot	O75030
GeneID	4286;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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