

MITF 抗原（重组蛋白）

中文名称： MITF 抗原（重组蛋白）

英文名称： MITF Antigen (Recombinant Protein)

别 名： MI; WS2; CMM8; WS2A; COMMAD; bHLHe32

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 354-526 amino acids of human MITF

技术规格

Full name:	melanogenesis associated transcription factor
Synonyms:	MI; WS2; CMM8; WS2A; COMMAD; bHLHe32
Swissprot:	O75030
Gene Accession:	BC026961
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.