

C12orf10 抗原（重组蛋白）

中文名称： C12orf10 抗原（重组蛋白）

英文名称： C12orf10 Antigen (Recombinant Protein)

别名： chromosome 12 open reading frame 10; MYG; MYG1; Gamm1; MST024; MSTP024

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 156-376 amino acids of human C12orf10

技术规格

Full name:	chromosome 12 open reading frame 10
Synonyms:	MYG; MYG1; Gamm1; MST024; MSTP024
Swissprot:	Q9HB07
Gene Accession:	BC028904
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	C12orf10, also known as MYG1, MYG1 is a 376 amino acid nucleomitochondrial protein belonging to the UPF0160 (MYG1) family. MYG1 is encoded by a gene that maps to human chromosome 12q13.13 and is ubiquitously expressed in simple as well as complex eukaryotes, with highest levels in testis. Considered to have a metal-dependent protein hydrolase (UPF0160) domain, MYG1 exhibits a mitochondrial targeting signal in the N-terminal region and a Pat7-type nuclear localization signal in the region between amino acids

33-39. Although MYG1 displays differential patterns and levels of expression during embryonic development, expression in normal adult tissues is stable, suggesting MYG1 involvement in early developmental processes and in adult stress/illness conditions. Elevation of MYG1 expression may be also associated with vitiligo susceptibility.