

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 nucleo-mitochondrial 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 embr

Myogenic 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.