

Recombinant Human C12orf10

Catalog No: #GP12654



Package Size: #GP12654-1 100ug

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Description

Product Name	Recombinant Human C12orf10
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 156-376 amino acids of human C12orf10
Target Name	chromosome 12 open reading frame 10
Other Names	MYG; MYG1; Gamm1; MST024; MSTP024
Accession No.	Swissprot:Q9HB07Gene Accession:BC028904
Uniprot	Q9HB07
Storage	-20~-80°C, pH 7.6 PBS

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 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.

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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