

## PEG10 抗原（重组蛋白）

中文名称： PEG10 抗原（重组蛋白）

英文名称： PEG10 Antigen (Recombinant Protein)

别名： EDR, HB-1, Mar2, MEF3L, Mart2, RGAG3

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 250 amino acids of human PEG10

技术规格

|                           |  |
|---------------------------|--|
| <b>Full name:</b>         | paternally expressed 10  |
| <b>Synonyms:</b>          | EDR, HB-1, Mar2, MEF3L, Mart2, RGAG3   |
| <b>Swissprot:</b>         | Q86TG7   |
| <b>Gene Accession:</b>    | BC050659   |
| <b>Purity:</b>            | >85%, as determined by Coomassie blue stained SDS-PAGE   |
| <b>Expression system:</b> | Escherichia coli   |
| <b>Tags:</b>              | His tag C-Terminus, GST tag N-Terminus   |
| <b>Background:</b>        | This is a paternally expressed imprinted gene that encodes transcripts containing two overlapping open reading frames (ORFs), R F1 and RF1/RF2, as well as retroviral-like slippage and pseudoknot elements, which can induce a -1 nucleotide frame-shift. ORF1 encodes a shorter isoform with a CCHC-type zinc finger motif containing a sequence characteristic of gag proteins of most retroviruses and some retrotransposons. The longer isoform is the resu |

It of -1 translational frame-shifting leading to translation of a gag/pol-like protein combining RF1 and RF2. It contains the active-site consensus sequence of the protease domain of pol proteins. Additional isoforms resulting from alternatively spliced transcript variants, as well as from use of upstream non-AUG (CUG) start codon, have been reported for this gene. Increased expression of this gene is associated with hepatocellular carcinomas.