REG4 (regenerating gene type IV)

Jean-Loup Huret, Sylvie Senon

Genetics, Dept Medical Information, UMR 8125 CNRS, University of Poitiers, CHU Poitiers Hospital, F-86021 Poitiers, France (JLH, SS)

Published in Atlas Database: August 2003
DOI: 10.4267/2042/28012

This work is licensed under a Creative Commons Attribution-Noncommercial-No Derivative Works 2.0 France Licence.
© 2003 Atlas of Genetics and Cytogenetics in Oncology and Haematology

Identity

Other names: REG-IV (regenerating gene type IV)
HGNC (Hugo): REG4
Location: 1p12
Location (base pair): 119174

DNA/RNA

Description
The gene spans 17 kb; 1191 bp cDNA; 6 exons; ORF: 474 bp.

Protein

Description
158 amino acids, 18 kDa.

Expression

Function
Supposed to be involved in cell regeneration and/or survival.

Homology
With other members of the REG family, of which are PSP/REG-I alpha and PAP.

Mutations

Somatic
Strongly expressed in colorectal tumors as compared to normal colon tissue.

References
Hartupee JC, Zhang H, Bonaldo MF, Soares MB, Dieckgraefe BK. Isolation and characterization of a cDNA encoding a novel member of the human regenerating protein family: Reg IV. Biochim Biophys Acta. 2001 Apr 16;1518(3):287-93

This article should be referenced as such: