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PLIN2, 1-437aa, Human, T7 tag, E.coli

产品货号: TP03437

第三版

别名: adipose differentiation-related protein , ADFP, ADRP, MGC10598

描述: PLIN2 belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Recombinant human PLIN2, fused to T7-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量: 49.3kDa (450aa)

序列:

MASMTGGQQMGRGSMASVAVDPQPSVVTRVVNPLVSSYDLMSSAYLSTKDQYPYLKSVCEMAENGVKTITSVAMTS
ALPIIQKLEPQIAVANTYACKGLDRIEERLPILNQPSTQIVANAKGAVTGAKDAVTTTGTGAKDSVASTITGVMDKTKGAV
TGSVEKTKSVVSGSINTVLGSRMMQLVSSGVENALTKSELLVEQYLPLTEEELEKEAKKVEGFDLVQKPSYYVRLGSLSTKL
HSRAYQQALSRVKEAKQKSQQTISQLHSTVHLIEFARKNVYSANQKIQDAQDKLYLSWVEWKRSIGYDDTDESHCAEHIE
SRTLAIARNLTQQQLTTCHTLLSNIQGVQPNIQDQAKHMGVMAGDIYSVFRNAASFKEVSDSLLTSSKGQLQKMKESLDD
VMDYLV DNTPLNWLVGPFYPQLTESQNAQDQGAEMDKSSQETQRSEHKTH

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.