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Recombinant Human S100A2 Protein (Fc tag)

产品货号: TP06450

第三版

别名:CAN19;S100L

描述:The calcium-binding Protein S100A2 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 family genes are located as a cluster on chromosome 1q21, and S100 proteins consisting of at least 20 members are involved in the regulation of a number of cellular processes such as cell-cycle progression and cell differentiation. S100A2 was first detected in lung and kidney, and is mainly expressed in a subset of tissues and cells such as breast epithelia and liver. The S100A2 protein is a homodimer that undergoes a conformational change upon binding of calcium, and the active form functions in regulating cell proliferation and differentiation, gene transcription, and p53-dependent growth arrest and apoptosis. Accordingly, this protein is regarded as a putative tumor suppressor, and thus chromosomal rearrangements and reduced expression of S100A2 gene have been implicated in certain carcinomas.

配方:PBS

分子量:37.6 kDa

序列:Met 2-Pro98

纯度:> 95% by HPLC

浓度:

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.