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Recombinant Human TSPAN1 Protein (aa 110-211, Fc tag)

产品货号: TP06517

第三版

别名:NET1;TM4C;TM4SF;TSPAN1

描述:TSPAN1 belongs to the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins have four hydrophobic domains, intracellular N- and C-termini and two extracellular domains. Tetraspanins act as scaffolding proteins, anchoring multiple proteins to one area of the cell membrane. They also mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. TSPAN1 interacts with human thiamine transporter-1 (hTHTR-1). hTHTR-1 contributes to intestinal thiamine uptake, and its function is regulated at both the transcriptional and posttranscriptional levels. TSPAN1 and hTHTR-1 colocalize in human intestinal epithelial HuTu-80 cells. Coexpression of TSPAN1 in these cells led to a significant decrease in the rate of degradation of hTHTR-1 compared with cells expressing the hTHTR-1 alone; in fact the half-life of the TSPAN1 protein was twice longer in the former cell type compared with the latter cell type.

配方:PBS

分子量:39.1 kDa

序列:Tyr110-Asn211

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.