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ASPSCR1, 1-553aa, Human, His tag, E.coli

产品货号: TP01255

第三版

别名:Tether containing UBX domain for GLUT4 isoform 1, ASPSCR1, ASPL, ASPS, RCC17, TUG, UBXD9, UBXN9

描述:ASPSCR1 contains a UBX domain and interacts with glucose transporter type 4 (GLUT4). This protein is a tether, which sequesters the GLUT4 in intracellular vesicles in muscle and fat cells in the absence of insulin, and redistributes the GLUT4 to the plasma membrane within minutes of insulin stimulation. Translocation t(X;17)(p11;q25) of this gene with transcription factor TFE3 gene results in a ASPSCR1-TFE3 fusion protein in alveolar soft part sarcoma and in renal cell carcinomas. Recombinant human ASPSCR1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.

分子量:62.6kDa (576aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMAPAGGGGSAVSVLAPNGRRHTVKVTPSTVLLQVLEDTCRRQDFNPCEYDLKF  
QRSVLDLSLQWRFANLPNNAKLEMVPAARSREGPENMVRIALQLDDGSRQLQDSFCGQTLWELLSHFPQIRECLQHPGGA  
TPVCVYTRDEVTGEAALRGTTLQSLGLTGGSATIRFVMKCYDPVGKTPGSLGSSASAGQAAASAPLPLESGELSRGDLRPE  
DADTSGPCCHEHTQEKQSTRAPAAAPFVPSGGGQRLGGPPGPTRPLTSSSAKLPKSLSSPGGSPKPKKSKSGQDPQQEQEQE  
RERDPQQEQERERPVDREPVDREPVVCHPDLEERLQAWPAELPDEFFELTVDDVRRRLAQLKSERKRLEEAPLVTKAFREA  
QIKEKLERYPKVALRVLPDRYVLQGFPRSETVGDRLDFVRSHLGNPELSFYLFITPPKTVLDDHTQTLFQANLFPAAALVHL  
GAEPPAGVYLEPGLLEHAISPSAADVLVARYMSRAAGSPSPLPAPDPAPKSEPAEEGALVPPEPIPGTAQPVKRSLGKVPK  
WLKLPASKR

纯度:> 95% by HPLC

浓度:0.25 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.