

32-3257: ASPSCR1 Recombinant Protein

Alternative Name :

ASPSCR1,ASPL,ASPS,RCC17,TUG,UBXD9,UBXN9,Tether containing UBX domain for GLUT4,Alveolar soft part sarcoma chromosomal region candidate gene 1 protein,Alveolar soft part sarcoma locus,Renal papillary cell carcinoma protein 17,UBX domain-cont

Description

Source : Escherichia Coli. ASPSCR1 Human Recombinant produced in E. coli is a single polypeptide chain containing 576 amino acids (1-553) and having a molecular mass of 62.6kDa. ASPSCR1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Alveolar Soft Part Sarcoma Chromosome Region, Candidate 1 (ASPSCR1) contains a UBX domain and interacts with glucose transporter type 4 (GLUT4). ASPSCR1 is a tether, which sequesters the GLUT4 in intracellular vesicles in muscle and fat cells in the lack of insulin, and redistributes the GLUT4 to the plasma membrane right after insulin stimulation. Translocation t(X;17)(p11;q25) of this ASPSCR1 with transcription factor TFE3 gene ends with a ASPSCR1-TFE3 fusion protein in alveolar soft part sarcoma and in renal cell carcinomas.

Product Info

Amount : 10 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : The ASPSCR1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMAAPAGG GGS AVSVLAP NGRRH TVKVT PSTVLLQVLE
DTCRRQDFNP CEYDLKFQRS VLDLSLQWRF ANLPNNAKLE MVPASRSREG PENMVRIALQ
LDDGSRLQDS FCSGQTLWEL LSHFPQIREC LQHPGGATPV CVYTRDEV TG EAALRGTTLQ SLGLTGGSAT
IRFVMKCYDP VGKTPGSLGS SASAGQAAAS APLPLESGEL SRGDLSRPED ADTSGPCCEH TQEKQSTRAP
AAAPFVPFSG GGQRLGGPPG PTRPLTSSSA KLPKLSPPG GPSKPKKSKS GQDPQQEQEQ ERERDPQQEQ
ERERPV DREP VDREP VVCHP DLEERLQAWP AELPDEFFEL TVDDVRRRLA QLKSERKRLE EAPLVTKAFR
EAQIKEKLER YPKVALRVLF PDRYVLQGF F RPSETVGD LDFVRSHLGNP ELSFYLFITP PKTVLDDHTQ
TLFQANLFPA ALVHLGAEEP AGVYLEPGLL EHAISPSAAD VL VARYMSRA AGSPSP LPAP DPAPKSEPA
E EGALV PPEP IPGTAQPVKR SLGKVPKWLK LPASKR.

