

32-13808: ASPSCR1 Human

Format :	The ASPSCR1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Alternative Name :	ASPCR1, ASPL, ASP, 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-containing protein 9, ASPSCR1.

Description

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Biological Activity: null

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, and redistributes the GLUT4 to the plasma membrane. 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.

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.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
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 SSGLVPRGSH 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 GGQRLGGPPP PTRPLTSSA KLPKLSLSPG GPSKPKKSKS GQDPQQEQEQ ERERDPQQEQ ERERPVDREP VDREPVVCHP DLEERLQAWP AELPDEFFEL TVDDVRRRLA QLKSERKRLE EAPLVTKAFR EAQIKEKLER YPKVALRVLF PDRYVLOGFF RPSETVGD LR DFVRSHLGNP ELSFYLFITP PKTVLDDHTQ TLFQANLFPA ALVHLGAEEP AGVYLEPGLL EHAISPSAAD VL VARYMSRA AGSPSPLPAP DPAPKSEPA EEGALVPEEP IPGTAQPVKR SLGKVPKWLK LPASKR.