

Recombinant Human ASPSCR1 Protein, MYC/DDK-tagged

Cat. No. ASPSCR1-2934H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human ASPSCR1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Description | The protein encoded by this gene 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. Multiple alternatively spliced transcript variants have been found. |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 60 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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 45-1 Ramsey Road, Shirley, NY 11967, USA



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|------------------------|--|
| Gene Name | ASPSCR1 alveolar soft part sarcoma chromosome region, candidate 1 [Homo sapiens] |
| Official Symbol | ASPSCR1 |
| Synonyms | ASPCR1; ASPL; ASP5; RCC17; TUG; UBXD9; UBXN9 |
| Gene ID | 79058 |
| mRNA Refseq | NM_001251888 |
| Protein Refseq | NP_001238817 |
| MIM | 606236 |
| UniProt ID | Q9BZE9 |

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