

Recombinant Human ASPSCR1 Protein, MYC/DDK-tagged

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

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