

Recombinant Human ASPSCR1 protein, GST-tagged

Cat. No. ASPSCR1-920H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ASPSCR1 full-length ORF (AAH18722, 1 a.a. - 553 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Oct 2011]
Molecular Mass	86.57 kDa
AA Sequence	MAAPAGGGGSAVSVLAPNGRRHTVKVTPSTVLLQVLEDCRRQDFNPCEYDLKFQ RSVLDLSLQWRFANLPNNAKLEMVPASRSREGPENMVRIALQLDDGSRLQDSFCS GQTLWELLSHFQIRECLQHPGGATPVCVYTRDEVTGEAALRGTTLQSLGLTGSSA TIRFVMKCYDPVGKTPGSLGSSASAGQAAASAPLPLESGELSRGDLSRPEDADTSG PCCEHTQEKKQSTRAPAAAPFVPFSGGGQRQGGPPGPTPLTSSSAKLPKSLSSPG GPSKPKKSKSGQDPQQEQEQERERDPQQEQERERPVDREPVDREPVVCHPDLEE

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RLQAWPAELPDEFFELTVDDVRRRLAQLKSERKRLEEAPLVTKAFREAQIKEKLERY
 PKVALRVLPDRYVLQGGFRPSETVGDRLRDFVRSHLGNPELSFYLFITPPKTVLDDHT
 QTLFQANLFPAAVLHLGAEPAAGVYLEPGLLEHAISPSAADVLVARYMSRAAGSPSP
 LPAPDPAPKSEPAEEGALVPPEPIPGTAQPVKRSLGKVPKWLKLPASKR

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ASPSCR1 alveolar soft part sarcoma chromosome region, candidate 1 \[Homo sapiens \]](#)

Official Symbol

[ASPSCR1](#)

Synonyms

ASPSCR1; alveolar soft part sarcoma chromosome region, candidate 1; tether containing UBX domain for GLUT4; ASPL; ASP5; UBX domain protein 9; UBXD9; UBXN9; UBX domain-containing protein 9; alveolar soft part sarcoma locus; renal cell carcinoma, papillary, 17; renal papillary cell carcinoma protein 17; renal cell carcinoma gene on chromosome 17; alveolar soft part sarcoma chromosomal region candidate gene 1 protein; TUG; RCC17; ASPCR1; FLJ45380;

Gene ID

[79058](#)

mRNA Refseq

[NM_001251888](#)

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Protein Refseq NP_001238817

MIM 606236

UniProt ID Q9BZE9



12.5% SDS-PAGE Stained with Coomassie Blue.

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