

Product datasheet for **AR50989PU-S**

ASPSCR1 (1-553, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ASPSCR1 (1-553, His-tag) human protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAAPAGG GGS AVSVLAP NGRRH TVKVT PSTVLLQVLE DTCRRQDFNP CEYDLKFQRS VLDLSLQWRF ANLPNNAKLE MVPASRSREG PENMVRALQ LDDGSRLQDS FCSGQTLWEL LSHFPQIREC LQHPGGATPV CVYTRDEV TG EAALRGTTLQ SLGLTGGSAT IRFVMKCYDP VGKTPGSLGS SASAGQAAAS APLPLESGEL SRGDLSRPED ADTSGPCCEH TQEQSTRAP AAAPFVPFSG GGQRLGGPPG PTRPLTSSSA KLPKSLSSPG GPSKPKSKS GQDPQQEQEQ ERERDPQQEQ ERERPVDREP VDREPVVCHP DLEERLQAWP AELPDEFFEL TVDDVRRRLA QLKSERKRL EAPLVTKAFR EAQIKEKLER YPKVALRVLF PDRYVLQGF RPSETVGD LR DFVRSHLGNP ELSFYLFITP PKTVLDDHTQ TLFQANLFPA ALVHLGAEEP AGVYLEPGLL EHAISPSAAD VLVARYMSRA AGSPSPLPAP DPAPKSEPA A EEGALVPPPE IPGTAQPVKR SLGKVPKWLK LPASKR
Tag:	His-tag
Predicted MW:	62.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001238817
Locus ID:	79058
UniProt ID:	Q9BZE9 , Q9BZE9-2



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Cytogenetics: 17q25.3

Synonyms: ASPSCR1; ASPL; ASPS; RCC17; TUG; UBXD9; UBXN9

Summary: 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]

Product images:

