

Product datasheet for TP514194

Armt1 (NM_024261) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse acidic residue methyltransferase 1 (Armt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR214194 representing NM_024261 Red =Cloning site Green =Tags(s) MAESPAFLSAKDEGSFAYLTIKDRTPQILTKVIDTLHRHKSEFFEKGHEEGIEAEKKAISLLSKLRNELQ TDKPITPLVDKCVDTIWNQYLEYQRSLLNEGDEPRWFFSPWLFVECYMYRRIHEAIMQSPPIHDFDVF KESKEENFFESQGSIDALCSHLLQLKPVKGLREEQIQDEFFKLLQISLWGNKCDLSLGGESSSQKANII NCLQDLKPFILINDTESLWALLSKLKKTVPVVRVDIVLDNSGFELITDLVLADFLFSSELATEIHFHG KSIPWFVSDVTEHDFNWIVEHMKSSNLESMSTCGACWEAYARMGRWAYHDHAFWTLPHPYCVMQVA PDL YAELQKAHLILFKGDLNRYRKLMDGRKWKFTFPFHQALSGFHPAPLCSIRTLKCELQVGLQPGQAEQLTAS DPHWLTTGRYGILQFDGPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	51 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_077223</u>


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Locus ID:	73419
UniProt ID:	A6H630
RefSeq Size:	2318
Cytogenetics:	10 A1
RefSeq ORF:	1317
Synonyms:	1700052N19Rik; AW320013; AW536799
Summary:	<p>Metal-dependent phosphatase that shows phosphatase activity against several substrates, including fructose-1-phosphate and fructose-6-phosphate (By similarity). Its preference for fructose-1-phosphate, a strong glycating agent that causes DNA damage rather than a canonical yeast metabolite, suggests a damage-control function in hexose phosphate metabolism (By similarity). Has also been shown to have O-methyltransferase activity that methylates glutamate residues of target proteins to form gamma-glutamyl methyl ester residues (By similarity). Possibly methylates PCNA, suggesting it is involved in the DNA damage response (By similarity).[UniProtKB/Swiss-Prot Function]</p>