OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP507612

Asz1 (NM_023729) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ankyrin repeat, SAM and basic leucine zipper domain containing 1 (Asz1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207612 protein sequence Red=Cloning site Green=Tags(s) MAAGTLRGLAVAGGGESSDSEDDGWDIGYLDRSSQKLKRSLPVEEKNETFKKALTTGDISLVKELLDSGI NVDSSFRYGWTPLMYAASVANAELVRFLLDRGANASFDKDKLTILISACSARGSEEQVLKCVELLLSRNA DPNTACRRLMTPIMYAARDGHTQVVALLVAHGAEVNAQDENGYTALTWAARQGHKNVILKLLELGANKML QTKDGRTPSEIAKRNKHLEIFNFLSLTLNPLEGKLQQLAKEETICKLLATDSDKEKDHIFSPYTAFGDLE IFLHGLGLEHMTDSLKEKDITLRHLLTMKKDELTKNGIASKDQQKILAALKELEVEEINFGKLPEVTKLE ISGDEFLNFLLKLNKQCGHLITAVQNIITELPVNSHKIVLEWASPRNFTSVCEELVSNVEDLNEEVCRLK ELIQKMQNERENDPTHIPLVEEVSTWKTRILKRSAVTVCGFGLLLFIGKLTLQRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	53 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:	NP_076218
Locus ID:	74068

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

UniProt ID:	Q8VD46
RefSeq Size:	1740
Cytogenetics:	6 A2
RefSeq ORF:	1428
Synonyms:	4933400N19Rik; Gasz; ORF3
Summary:	Plays a central role during spermatogenesis by repressing transposable elements and preventing their mobilization, which is essential for the germline integrity. Acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons. Its association with pi-bodies suggests a participation in the primary piRNAs metabolic process. Required prior to the pachytene stage to facilitate the production of multiple types of piRNAs, including those associated with repeats involved in regulation of retrotransposons. May act by mediating protein-protein interactions during germ cell maturation.[UniProtKB/Swiss-Prot Function]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US