

Recombinant Human ATAD2, GST-tagged

Cat. No. ATAD2-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATAD2 full-length ORF (AAH19909.1, 1 aa - 362 aa), fused with GST-tag at N-terminal, was expressed in Wheat germ.
Species	Wheat germ
Source	Wheat Germ
Description	A large family of ATPases has been described, whose key feature is that they share a conserved region of about 220 amino acids that contains an ATP-binding site. The proteins that belong to this family either contain one or two AAA (ATPases Associated with diverse cellular Activities) domains. AAA family proteins often perform chaperone-like functions that assist in the assembly, operation, or disassembly of protein complexes. The protein encoded by this gene contains two AAA domains, as well as a bromodomain.
Molecular Mass	68 kDa
AA Sequence	MDLSSVISKIDLHKYLTVKDYLRDIDLICSNAL EYNPDRDPGDRLIRHRACALRDTAYA IIEELEDDEFEQLCEEIQESRKRGCS SSKYAPSYHVM PKQNSTLVGDKRSDPEQN EKLKTPSTPVACSTPAQLKRKIRK KSNWYLGTIKKRRKISQAKDDSQNAIDHKIESDT EETQDTSVDHNETGNTGESSVEENEKQQNASESKLELRNNSNTCNIENELEDSRKT TACTELRDKIACNGDASSSQIIHISDENEGKEMCVLRMTRARRSQVEQQQLITVEKAL AILSQPTPSLVVDHERLKNLLKTVVKKSQNYNIFQLENLYAVISQCIYRHRKDHDKTSL IQKMEQEVENFSCSR

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Application	ELISA, WB
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH8.0 in the elution buffer.
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
OfficialSymbol	ATAD2

GENE INFORMATION

Gene Name	ATAD2 ATPase family, AAA domain containing 2 [Homo sapiens]
Synonyms	ATAD2; ATPase family, AAA domain containing 2; ATPase family AAA domain-containing protein 2; DKFZp667N1320; MGC5254; MGC29843; PRO2000; AAA nuclear coregulator cancer-associated protein; ANCCA; Atad2; ATAD2_HUMAN; ATPase family AAA domain containing 2; ATPase family AAA domain containing protein 2; ATPase family AAA domain-containing protein 2; DKFZp667N1320; MGC131938; MGC142216; MGC29843; MGC5254; PRO2000; AAA nuclear coregulator cancer-associated protein; ANCCA
Gene ID	29028
mRNA Refseq	NM_014109
Protein Refseq	NP_054828
MIM	611941
UniProt ID	Q6PL18
Chromosome	8q24.13

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Location**Function**

ATP binding; ATPase activity; hydrolase activity; nucleotide binding;

PDB rendering

based on 1adx.

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