

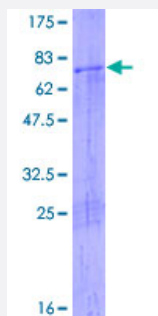
Full-Length

ATAD2 (Human) Recombinant Protein (P01)

Catalog # H00029028-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ATAD2 full-length ORF (AAH19909.1, 1 a.a. - 362 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDLSSVISKIDLHKYLTVKDYLRDIDLICSNAL EYNPDRDPGDRLIRHRACALRDTAYAIKEELDEDF
EQLCEEIQESRKRGCS SKYAPSYHVM PKQNSTLVGDKRSDPEQNEKLKTPSTPVACSTPAQ
LKRKIRKKS NWYLGTIKRRKISQAKDD SQNAIDHKIESDTEETQDTSVDHNETGNTGESSVEENE
KQQNASESKLELRNNSNTCNIE NELEDSRKTTACTELRDKIACNGDASSSQIIHISDENEGKEMCV
LRMTRARRSQVEQQQLITVEKALAIL SQPTPSLVVDHERLKNLLKTVVKKSQNYNIFQLENLYAVIS
QCIYRHRKDHDKTSLIQKMEQEVENFSCSR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68

Interspecies Antigen Sequence

Mouse (76); Rat (77)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — ATAD2

Entrez GeneID[29028](#)**GeneBank Accession#**[BC019909.1](#)**Protein Accession#**[AAH19909.1](#)**Gene Name**

ATAD2

Gene Alias

ANCCA, DKFZp667N1320, MGC131938, MGC142216, MGC29843, MGC5254, PRO2000

Gene Description

ATPase family, AAA domain containing 2

Gene Ontology[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

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