

Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 (AIMP2) Recombinant Protein | AIMP2 recombinant protein

Recombinant Human Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 (AIMP2)

CATALOG # AAA117288	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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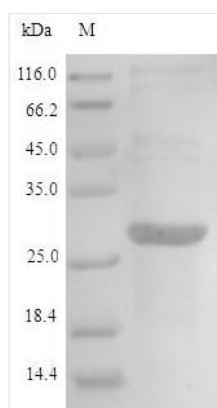
PRODUCT SYNONYMS

Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 (AIMP2); Recombinant Human Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 (AIMP2); Aminoacyl tRNA synthase complex-interacting multifunctional protein 2; Multisynthase complex auxiliary component p38; Protein JTV-1; AIMP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-320aa; Full Length
Sequence	MPMYQVKPYH GGGAPLRVEL PTCMYRLPNV HGRSYGPAPG AGHVQEESEN SLQALESQRD DILKRLYELK AAVDGLSKMI QTPDADLDVT NIIQADEPTT LTTNALDLNS VLGKDYGALK DIVINANPAS PPLSLLVLHR LLCEHFRVLS TVHTHSSVKS VPENLLKCFG EQNKKQPRQD YQLGFTLIWK NVPKTQMKFS IQTMCPIEGE GNIARFLFSL FGQKHNAVNA TLIDSWVDIA IFQLKEGSSK EKA AVFRSMN SALGKSPWLA GNELTVADV LWSVLQQIGG CSVTPANVQ RWMRSCENLA PFNTALKLLK
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for AIMP2 recombinant protein	Required for assembly and stability of the aminoacyl-tRNA synthase complex. Mediates ubiquitination and degradation of FUBP1, a transcriptional activator of MYC, leading to MYC down-regulation which is required for aveolar type II cell differentiation. Blocks MDM2-mediated ubiquitination and degradation of p53/TP53. Functions as a proapoptotic factor.
Product Categories/Family for AIMP2 recombinant protein	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	11125770
NCBI GeneID	7965
NCBI Accession #	NP_006294.2
NCBI GenBank Nucleotide #	NM_006303.3
UniProt Accession #	Q13155; Q75MR1; Q96CZ5; Q9P1L2
Molecular Weight	39.3 kDa
NCBI Official Full Name	aminoacyl tRNA synthase complex-interacting multifunctional protein 2
NCBI Official Synonym Full Names	aminoacyl tRNA synthetase complex-interacting multifunctional protein 2
NCBI Official Symbol	AIMP2
NCBI Official Synonym Symbols	P38; JTV1; JTV-1; PRO0992
NCBI Protein Information	aminoacyl tRNA synthase complex-interacting multifunctional protein 2; protein JTV-1; ARS-interacting multi-functional protein 2; multisynthase complex auxiliary component p38; multisynthetase complex auxiliary component p38
UniProt Protein Name	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2
UniProt Gene Name	AIMP2
UniProt Synonym Gene Names	JTV1
UniProt Entry Name	AIMP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/aimp2-recombinant-protein-e-coli/117288>