

Recombinant Full Length Human AAAS Protein, GST-tagged

Cat. No. AAAS-743HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AAAS full-length ORF (NP_056480.1, 1 a.a. - 546 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	546 amino acids
Description	The protein encoded by this gene is a member of the WD-repeat family of regulatory proteins and may be involved in normal development of the peripheral and central nervous system. The encoded protein is part of the nuclear pore complex and is anchored there by NDC1. Defects in this gene are a cause of achalasia-addisonianism-alacrima syndrome (AAAS), also called triple-A syndrome or Allgrove syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]
Molecular Mass	86 kDa
AA Sequence	MCSLGLFPPP PPRGQVTLYE HNNELVTGSS YESPPPDFRG QWINLPVLQL TKDPLKTPGR LDHGTRTAFI HHREQVWKRC INIWRDVGLF GVLNEIANSE EEVFEWVKTA SGWALALCRW ASSLHGSLFP HLSLRSEDLI AEFAQVTNWS SCCLRVFAWH PHTNKFVAVAL LDDSVRVYNA SSTIVPSLKH RLQRNVASLA WKPLSASVLA VACQSCILIW TLDPTSLSTR PSSGCAQVLS HPGHTPVTSL AWAPSGGRLL SASPVDAAIR VWDVSTETCV PLPWFRGGGV TNLLWSPDGS

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KILATTPSAV FRVWEAQMWT CERWPTLSGR CQTGCWSPDG SRLFVTLGE
 PLIYSLSFPE RCGEGKGCVG GAKSATIVAD LSETTIQTPD GEERLGGEAH
 SMVWDPSGER LAVLMKGKPR VQDGKPVILL FRTRNSPVFE LLPCGIIQGE
 PGAQPQLITF HPSFNKGALL SVGWSTGRIA HIPLYFVNAQ FPRFSPVLGR
 AQEPPAGGGG SIHDLPLFTE TSPTSAPWDP LPGPPPVLPH SPHSHL

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name AAAS achalasia, adrenocortical insufficiency, alacrimia [Homo sapiens]

Official Symbol AAAS

Synonyms AAAS; achalasia, adrenocortical insufficiency, alacrimia; achalasia, adrenocortical
 insufficiency, alacrimia (Allgrove, triple A); aladin; Allgrove; triple A; Allgrove, triple-A;
 AAA; AAASb; GL003; ALADIN; ADRACALA; ADRACALIN; DKFZp586G1624

Gene ID 8086

mRNA Refseq NM_001173466

Protein Refseq NP_001166937

MIM 605378

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UniProt ID

Q9NRG9

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