

Recombinant Human AAAS Protein, GST-tagged

Cat. No. AAAS-006H **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	Wheat Germ
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	MCSLGLFPPPPPRGQVTLYEHNNELVTGSSYESPPPDFRGQWINLPVLQLTKDPLK TPGRLDHGTRTAFIHHREQVWKRCINIWRDVGLFGVLNEIANSEEEVFEWVKTASG WALALCRWASSLHGSLFPHLSLRSEDLIAEFAQVTNWSSCCLRVFAWHPHTNKFV ALLDDSVRVYNASSTIVPSLKHRLQRNVASLAWKPLSASVLAVACQSCILIWTLDP LSTRPSSGCAQVLSPGHTPVTSLAWAPSGGRLLSASPVDAAIRVWDVSTETCVPL PWFRGGGVTNLLWSPDGSKILATTPSAVFRVWEAQMWTCERWPTLSGRCQTGCW SPDGSRLFTVLGEPLIYSLSPERCGEGKGCVGGAKSATIVADLSETTIQTPDGEER

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LGGEAHSMVWDPSGERLAVLMKGKPRVQDGKPVILLFRTRNSPVFELLPCGIIQGEP
GAQPQLITFHPSFNKGALLSVGWSTGRIAHIPLYFVNAQFPRFSPVLGRAQEPPAGG
GGSIHDLPLFTETSPTSAPWDPLPGPPPVLPHSPHSHL

Applications

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

Notes

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

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

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MIM	605378
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UniProt ID	Q9NRG9
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12.5% SDS-PAGE Stained with Coomassie Blue.

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