

# Recombinant human AAGAB protein

Catalog Number: ATGP2121

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-315aa

### UniProt No.

Q6PD74

### NCBI Accession No.

NP\_078942

### Alternative Names

Alpha- and gamma-adaptin-binding protein p34, P34

## PRODUCT SPECIFICATION

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### Molecular Weight

36.7 kDa (335aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

AAGAB, also known as P34, may play a role in membrane traffic and interacts with AP1G1 and AP2A1. Recombinant human AAGAB protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MAAGVPCALV TSCSSVFSGD QLVQHILGTE DLIVEVTSND AVRFYPWTID NKYYSADINL  
CVVPNKFLVT AEIAESVQAF VVYFDSTQKS GLDSVSSWLP LAKAWLPEVM ILVCDRVSED GINRQKAQEW CIKHGFELVE

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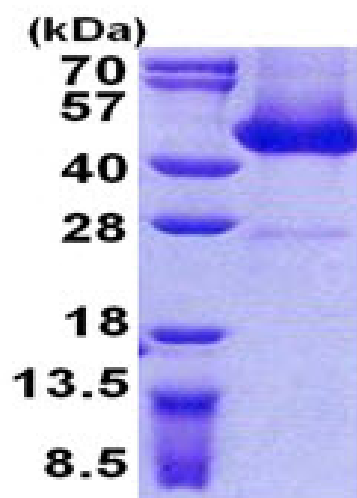
LSPEELPEED DDFPESTGVK RIVQALNANV WSNVVMKNDR NQGFSLLNSL TGTNHSIGSA DPCHPEQPHL PAADSTESLS  
DHRGGASNTT DAQVDSIVDP MLDLDIQELA SLTTGGGDVE NFERLFSKLK EMKDKAATLP HEQRKVHAEK VAKAFWMAIG  
GDRDEIEGLS SDEEH

## General References

Page,L.J., et al. (1999) J. Cell Biol. 146 (5), 993-1004

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)