

# Recombinant human ARSM2 protein

Catalog Number: ATGP2489

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-107aa

### UniProt No.

P0C7Q2

### NCBI Accession No.

NP\_001093137

### Alternative Names

Age-related maculopathy susceptibility protein 2, Age-related maculopathy susceptibility protein 2, Age-related maculopathy susceptibility 2, ARMD8

## PRODUCT SPECIFICATION

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### Molecular Weight

13.8 kDa (130aa)

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M urea

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### 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

ARMS2 is a protein that is thought to play a role in diseases in the elderly. Mutations in ARSM2 have been associated with age-related macular degeneration. Recombinant human ARMS2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMLRLYPG PMVTEAEGKG GPEMASLSSS VVPVSFISTL RESVLDPGVG GEGASDKQRS

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KLSLSHSMIP AAKIHTELCL PAFFSPAGTQ RRFQQPQHHL TLSIIHTAAR

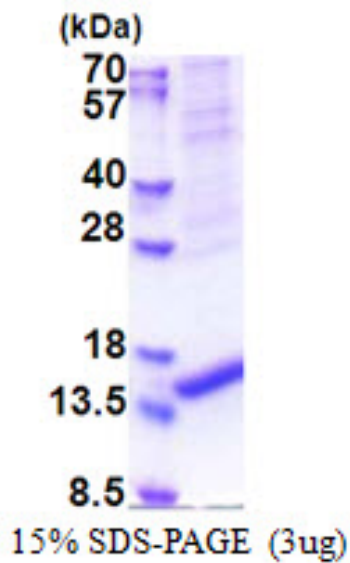
## General References

Deloukas P., Earthrowl M.E. et al. (2004), Nature 429:375-381

## DATA

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### SDS-PAGE



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