

# ATP Binding Cassette Transporter A4 (ABCA4) Recombinant Protein | ABCA4 recombinant protein

Recombinant ATP Binding Cassette Transporter A4 (ABCA4)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA162002</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

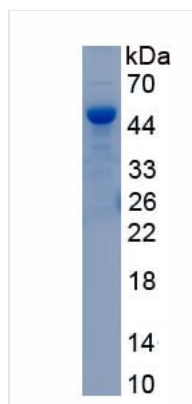
## PRODUCT SYNONYMS

ATP Binding Cassette Transporter A4 (ABCA4); Recombinant ATP Binding Cassette Transporter A4 (ABCA4); ATP Binding Cassette Transporter A4; ABCA4 recombinant protein (prokaryotic); Human; ABC-A4; ABC10; ABCR; ARMD2; CORD3; FFM; RMP; RP19; STGD; STGD1; Stargardt disease protein; Retinal-specific ATP-binding cassette transporter; RIM ABC transporter4; ABCA4 recombinant protein

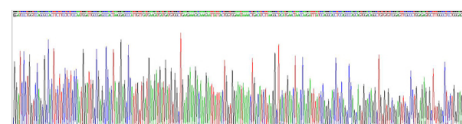
## PRODUCT SPECIFICATIONS

|                                                       |                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Host                                                  | E Coli                                                                                       |
| Purity/Purification                                   | Greater than 90% by SDS-PAGE                                                                 |
| Form/Format                                           | Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Sequence                                              | Leu1895~As p2273                                                                             |
| Applicable Applications for ABCA4 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                     |
| Species                                               | Human                                                                                        |
| Expression System                                     | Prokaryotic expression                                                                       |
| Tag                                                   | N-terminal His Tag                                                                           |
| Endotoxin Level                                       | <1.0EU per 1ug (determined by the LAL method)                                                |
| Isoelectric Point                                     | 6.5                                                                                          |
| Subcellular Location                                  | Membrane                                                                                     |
| Research Area                                         | Signal transduction                                                                          |
| Preparation and Storage                               | Store at 2-8 degree C for one month, -80 degree C for 12 months                              |

## IMAGES



SDS-PAGE  
Figure. SDS-PAGE



Sequence  
Figure. Gene Sequencing (extract)

ADDITIONAL INFORMATION

|                                                         |                      |
|---------------------------------------------------------|----------------------|
| Product Categories/Family for ABCA4 recombinant protein | Prokaryotic proteins |
|---------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6707663                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 24                                                                                                                                                                                                                                                              |
| UniProt Accession #              | P78363; O15112; O60438; O60915; Q0QD48; Q4LE31                                                                                                                                                                                                                  |
| NCBI Official Full Name          | Retinal-specific ATP-binding cassette transporter                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | ATP-binding cassette, sub-family A (ABC1), member 4                                                                                                                                                                                                             |
| NCBI Official Symbol             | ABCA4                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | FFM; RMP; ABCR; RP19; STGD; ABC10; ARMD2; CORD3; STGD1                                                                                                                                                                                                          |
| NCBI Protein Information         | retinal-specific ATP-binding cassette transporter; RIM protein; RIM ABC transporter; photoreceptor rim protein; stargardt disease protein; retina-specific ABC transporter; ATP binding cassette transporter; ATP-binding transporter, retina-specific; ATP-bin |
| UniProt Protein Name             | Retinal-specific ATP-binding cassette transporter                                                                                                                                                                                                               |
| UniProt Gene Name                | ABCA4                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | ABCR; RIM protein; RmP                                                                                                                                                                                                                                          |
| UniProt Entry Name               | ABCA4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/abca4-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/162002>