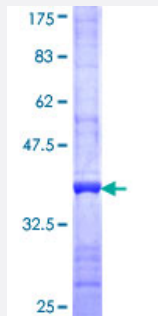


# ABCA6 (Human) Recombinant Protein (Q01)

Catalog # H00023460-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human ABCA6 partial ORF ( NP_525023, 53 a.a. - 149 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	NVQFPGMAPQNLGRVDKFNSSSLMVVYTPISNLTQQIMNKTALAPLLKGTSVIGAPNKTHMDEILL ENLPYAMGIIIFNETFSYKLIFFQGYNSPLWK
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.41
<b>Interspecies Antigen Sequence</b>	Mouse (56); Rat (57)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

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

## Gene Info — ABCA6

Entrez GeneID [23460](#)

GeneBank Accession# [NM\\_080284](#)

Protein Accession# [NP\\_525023](#)

Gene Name ABCA6

Gene Alias EST155051, FLJ43498

Gene Description ATP-binding cassette, sub-family A (ABC1), member 6

Gene Ontology [Hyperlink](#)

**Gene Summary** The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TA P, MRP, ALD, OABP, GCN20, and White). This encoded protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. This gene is clustered among 4 other ABC1 family members on 17q24 and may play a role in macrophage lipid homeostasis. [provided by RefSeq]

**Other Designations** ABC transporter ABCA6|ATP-binding cassette A6|ATP-binding cassette, sub-family A, member 6

## Pathway

- [ABC transporters](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)