

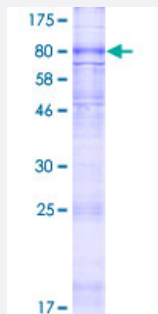
Full-Length

ABCC11 (Human) Recombinant Protein (P01)

Catalog # H00085320-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ABCC11 full-length ORF (AAH39085.1, 1 a.a. - 553 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTRKRTYWVPNSSGGLVNRGIDIGDDMVSGLIYKTYTLQDGPWSQQERNPEAPGRAAVPPWGKY
DAALRTMIPFRPKPRFPAPQPLDNAGLFSYLTVSWLTPLMIQSLRSRLDENTIPPLSVHDASDKNV
QRLHRLWEEEVSRRGIEKASVLLVMLRFQRTSLIFDALLGICFCIASVLGPILIPKILEYSEEQLGNVV
HGVGLCFALFLSECVKSLSFSSSWIINQRTAIRFRAAVSSFAFEKLIQFKSVIHITSGEAISFFTGDVN
YLFEGVCYGPLVLITCASLVICSISSYFIGYAFIILCYLLVFPLAVFMTRMAVKAQHHTSEVSDQRIR
VTSEVLTCIKLIKMYTWEKPFAKIIEDLRRKERKLEKCGLVQSLTSITLFIPTVATAVWVLIHTSLKLE
LTASMAFSMLASLNLRLSVFFVPIAVKGLTNSKSAVMRFKKFFLQESPVFVYVQTLQDPSKALVF
EEATLSWQQTCPGIVNGALELERNGHASEGMTRPRDALGPEEEGNSLGPELHKINLVVSKVALF
RPRRQASCQALRT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.5

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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 — ABCC11

Entrez GeneID[85320](#)**GeneBank Accession#**[BC039085.1](#)**Protein Accession#**[AAH39085.1](#)**Gene Name**

ABCC11

Gene Alias

EWWDD, MRP8, WW

Gene Description

ATP-binding cassette, sub-family C (CFTR/MRP), member 11

Omim ID[117800 607040](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The 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 intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This ABC full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. The product of this gene participates in physiological processes involving bile acids, conjugated steroids, and cyclic nucleotides. In addition, a SNP in this gene is responsible for determination of human earwax type. This gene and family member ABCC12 are determined to be derived by duplication and are both localized to chromosome 16q12.1. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq]

Other Designations

ATP-binding cassette protein C11|ATP-binding cassette transporter MRP8|ATP-binding cassette, sub-family C, member 11|OTTHUMP00000164191|multi-resistance protein 8

Pathway

- [ABC transporters](#)

Disease

- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Sweat Gland Diseases](#)