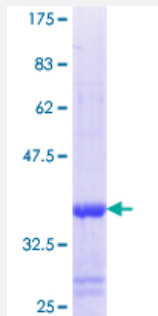


ABCC11 (Human) Recombinant Protein (Q01)

Catalog # H00085320-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ABCC11 partial ORF (NP_115972.2, 433 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FVPIAVKGLTNSKSAVMRFKKFFLQESPVFYVQTLQDPSKALVFEEATLSWQQTCPGIVNGALEL ERNGHASEGMTRPRDALGPEEEGNSLGPELHKINL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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# [NM_032583](#)

Protein Accession# [NP_115972.2](#)

Gene Name ABCC11

Gene Alias EWWD, 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 membrane s. 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 alternative 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](#)