

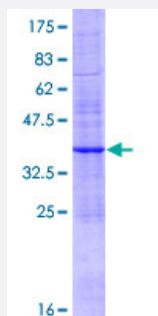
Full-Length

ABCC6 (Human) Recombinant Protein (P01)

Catalog # H00000368-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ABCC6 full-length ORF (NP_001072996.1, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAPAEPCAGQGQGVWNQTEPEPAATSLLSLCFLRTAGVWVPPMYLWVLGPYLLFIHHHGRGYLR MSPLFKAKMVAAIPGSLEPGNVRGRQGTGWNLVKS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.2
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 — ABCC6

Entrez GeneID [368](#)

GeneBank Accession# [NM_001079528.1](#)

Protein Accession# [NP_001072996.1](#)

Gene Name ABCC6

Gene Alias ABC34, ARA, EST349056, MLP1, MOATE, MRP6, PXE, PXE1

Gene Description ATP-binding cassette, sub-family C (CFTR/MRP), member 6

Omim ID [177850 264800 603234](#)

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). The encoded protein, a member of the MRP subfamily, is involved in multi-drug resistance. Mutations in this gene cause pseudoxanthoma elasticum. Alternatively spliced transcript variants that encode different proteins have been described for this gene. [provided by RefSeq]

Other Designations ATP-binding cassette, sub-family C, member 6|anthracycline resistance-associated

Pathway

- [ABC transporters](#)

Disease

- [Angioid Streaks](#)
- [Calcinosis](#)
- [Cardiovascular Abnormalities](#)
- [Celiac Disease](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Pseudoxanthoma Elasticum](#)
- [Renal Insufficiency](#)
- [Retinal Diseases](#)
- [Skin Abnormalities](#)
- [Skin Diseases](#)
- [Stroke](#)
- [Werner syndrome](#)