

# Recombinant Human ABCB7

Catalog No: #GP12090



Package Size: #GP12090-1 100ug

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## Description

Product Name	Recombinant Human ABCB7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 501-753 amino acids of human ATP-binding cassette, sub-family B (MDR/TAP), member 7
Target Name	ATP-binding cassette, sub-family B (MDR/TAP), member 7
Other Names	ABC7; ASAT; Atm1p; EST140535
Accession No.	Swissprot:O75027Gene Accession:BC006323
Uniprot	O75027
GeneID	22;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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 intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This gene encodes a half-transporter involved in the transport of heme from the mitochondria to the cytosol. With iron/sulfur cluster precursors as its substrates, this protein may play a role in metal homeostasis. Mutations in this gene have been associated with mitochondrial iron accumulation and isodentic (X)(q13) and sideroblastic anemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.?

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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