

ABCB7 抗原（重组蛋白）

中文名称： ABCB7 抗原（重组蛋白）

英文名称： ABCB7 Antigen (Recombinant Protein)

别名： ATP-binding cassette, sub-family B (MDR/TAP), member 7; ABC7; ASAT; Atm1p; EST140535

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 501-753 amino acids of human ABCB7

技术规格

Full name:	ATP-binding cassette, sub-family B (MDR/TAP), member 7
Synonyms:	ABC7; ASAT; Atm1p; EST140535
Swissprot:	O75027
Gene Accession:	BC006323
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) tra

nsporters. 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.