

Recombinant Full Length Human ABCA8 Protein, GST-tagged

Cat. No. ABCA8-754HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABCA8 full-length ORF (AAH47765.1, 1 a.a. - 266 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	266 amino acids
Description	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 intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. The encoded protein may regulate lipid metabolism and be involved in the formation and maintenance of myelin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Molecular Mass	57.2 kDa
AA Sequence	MRKRKISVCQ QTWALLCKNF LKKWRMKRES LMEWLNSLLL LLCLYIYPHS HQVNDFFSLL TMDLGRVDTF NESRFSVYIT PVTNTTQQIM NKVASTPFLA GKEVLGLPDE ESIKEFTANY PEEIVRVTFNT TYSYHLKFL LGHGMPAKKE HKDHTAHCYE TNEDVYCEVS VFWKEGFVAL QAAINAAIIE ITTNHSMVEE

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LMSVTGKNMK MHSFIGQSGV ITDLYLFSCI ISFSSFIYYA SVNVTREKR
MKALMTMMGL RDSAFW

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name ABCA8 ATP-binding cassette, sub-family A (ABC1), member 8 [Homo sapiens]

Official Symbol ABCA8

Synonyms ABCA8; ATP-binding cassette, sub-family A (ABC1), member 8; ATP-binding cassette sub-family A member 8; KIAA0822; MGC163152

Gene ID 10351

mRNA Refseq NM_007168

Protein Refseq NP_009099

MIM 612505

UniProt ID O94911

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