

Recombinant Human ABCA8 Protein, GST-Tagged

Cat. No. ABCA8-036H 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 Wheat Germ

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 MRKRKISVCQQTWALLCKNFLKKWRMKRESLMEWLNLLLLLCLYIPHSQVNDF
SLLTMDLGRVDTFNESRFSVVYTPVTNTTQQIMNKVASTPFLAGKEVLGLPDEESIK
EFTANYPEEIVRVTFNTYSYHLKFLGHGMPAKKEHKDHTAHCYETNEDVYCEVSV
FWKEGFVALQAAINAAIIEITTNHVSMEELMSVTGKNMKMHFIGQSGVITDLYLFCII
SFSSFIYYASVNVTRERKRMKALMTMMGLRDSAFW

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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.

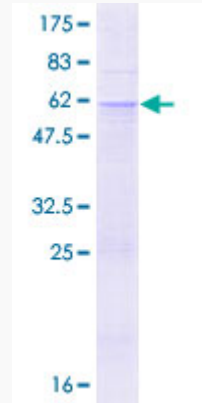
GENE INFORMATION

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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12.5% SDS-PAGE Stained with Coomassie Blue.

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