

Recombinant Human ABCA12 protein, His & T7-tagged

Cat. No. ABCA12-7853H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCA12 aa. (Val1346~Thr1577 (Accession # Q86UK0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val1346~Thr1577
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, and White). This encoded protein is a member of the ABC1 subfamily, which is the only major ABC subfamily found exclusively in multicellular eukaryotes. Alternative splicing of this gene results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.2kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 9.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	ABCA12 ATP binding cassette subfamily A member 12 [Homo sapiens (human)]
Official Symbol	ABCA12
Synonyms	Plcd4; phospholipase C, delta 4; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4; PLC-delta-4; phosphoinositide phospholipase C-delta-4
Gene ID	26154
mRNA Refseq	NM_015657.3

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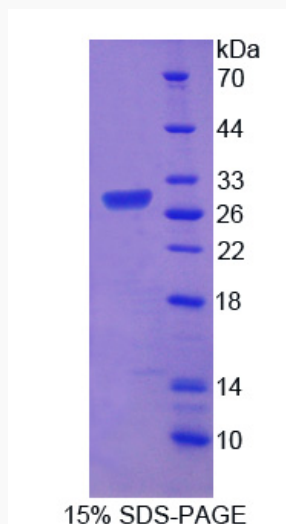
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Protein Refseq NP_056472.2

UniProt ID Q86UK0

SDS-PAGE



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