

## Recombinant Human ABCA1 protein, His-tagged

Cat. No. ABCA1-3141H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ABCA1 protein(92-272 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	92-272 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence**

GVVGNFNKSIVARLFS DARRLLYSQKDTSMKDMRKLRTLQ QIKKSSSNLKLQDFL  
 VDNETFSGFLYHNLSLPKSTVDKMLRADVILHKVFLQGYQLHLTSLCNGSKSEEMIQ  
 LGDQEVSELCGLPKEKLAAAERVLRSNMDILKPILRTLNSTSPFPSKELAEATKTL LH  
 SLGTLAQEM

**GENE INFORMATION**

**Gene Name** [ABCA1 ATP-binding cassette, sub-family A \(ABC1\), member 1 \[ Homo sapiens \]](#)

**Official Symbol** [ABCA1](#)

**Synonyms**

ABCA1; ATP-binding cassette, sub-family A (ABC1), member 1; ABC1, HDLDT1;  
 ATP-binding cassette sub-family A member 1; Tangier disease; TGD; membrane-  
 bound; ATP-binding cassette transporter 1; ATP-binding cassette transporter A1;  
 cholesterol efflux regulatory protein; ABC1; CERP; ABC-1; HDLDT1;

**Gene ID** [19](#)

**mRNA Refseq** [NM\\_005502](#)

**Protein Refseq** [NP\\_005493](#)

**UniProt ID** [O95477](#)

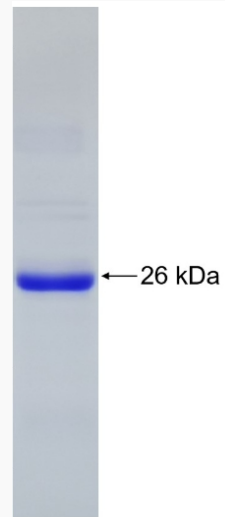
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SDS-PAGE



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