

Recombinant Human ABCA1 protein, His-tagged

Cat. No. ABCA1-3140H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCA1 protein(106-305 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	106-305 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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

FSDARRLLYSQKDTSMKDMRKVLRTLQQIKKSSSNLKLQDFLVDNETFSGFLYHNL
 SLPKSTVDKMLRADVILHKVFLQGYQLHLTSLCNGSKSEEMIQLGDQEVSELCGLPR
 EKLAEEAERVLRNMDILKPILRTLNSTSPFPSEKELAEATKTLHSLGTLAQELFSMRS
 WSDMRQEVMLFTNVNSSSSSTQIYQAVS

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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