

Recombinant Human ABCA3 protein, His-tagged

Cat. No. ABCA3-7453H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCA3 protein(1606-1704 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1606-1704 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	95%, 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

GSGYSLRAKVQSEGQQEALEEFKAFVDLTFPGSVLEDEHQGMVHYHLPGRDLSWA
KVFGILEKAKEYGVDDYSVSQISLEQVFLSFAHLQPPTAEEGR

GENE INFORMATION
Gene Name

ABCA3 ATP-binding cassette, sub-family A (ABC1), member 3 [Homo sapiens]

Official Symbol

ABCA3

Synonyms

ABCA3; ATP-binding cassette, sub-family A (ABC1), member 3; ABC3; ATP-binding cassette sub-family A member 3; ABC C; EST111653; LBM180; ABC transporter 3; ABC-C transporter; ATP-binding cassette transporter 3; ABC-C; SMDP3; MGC72201; MGC166979;

Gene ID

21

mRNA Refseq

NM_001089

Protein Refseq

NP_001080

MIM

601615

UniProt ID

Q99758

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SDS-PAGE

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