Recombinant Human ABCA3 protein, GST-tagged

Cat. No. ABCA3-1861H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCA3 protein(1606 - 1704 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1606 - 1704 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	GSGYSLRAKVQSEGQQEALEEFKAFVDLTFPGSVLEDEHQGMVHYHLPGRDLSWA KVFGILEKAKEKYGVDDYSVSQISLEQVFLSFAHLQPPTAEEGR
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ɡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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	storage.

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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