

Recombinant Human ABCA7 protein, His-tagged

Cat. No. ABCA7-3906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCA7 protein(86-214 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	86-214 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	MTPGEEPGRLSNFNDSLVSRLADARTVLGGASAHRTLGLGKLIATLRAARSTAQP QPTKQSPLEPPMLDVAELLTSLLRTESLGLALGQAQEPLHSLLEAAEDLAQELLALRS LVELRALLQRPRGTS
Purity	90%, 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 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ABCA7 ATP-binding cassette, sub-family A (ABC1), member 7 [Homo sapiens]
Official Symbol	ABCA7
Synonyms	ABCA7; ATP-binding cassette, sub-family A (ABC1), member 7; ATP-binding cassette sub-family A member 7; ABCX; autoantigen SS-N; macrophage ABC transporter; ABCA-SSN; FLJ40025;
Gene ID	10347
mRNA Refseq	NM_019112
Protein Refseq	NP_061985
MIM	605414
UniProt ID	Q8IZY2

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