

Recombinant Human MBOAT7 protein, His-tagged

Cat. No. MBOAT7-3901H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MBOAT7 protein(284-344 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	284-344 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	SSPEKAASLEYDYETIRNIDCYSTDFCVRVRDGMRYWNMTVQWWLAQYIYKSAPAR SYVLR
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/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 MBOAT7 membrane bound O-acyltransferase domain containing 7 [Homo sapiens]

Official Symbol MBOAT7

Synonyms MBOAT7; membrane bound O-acyltransferase domain containing 7; LENG4, leukocyte receptor cluster (LRC) member 4; lysophospholipid acyltransferase 7; BB1; hMBOA 7; LPIAT; lysophosphatidylinositol acyltransferase; LPLAT 7; h-mboa-7; lyso-PI acyltransferase; leukocyte receptor cluster member 4; leukocyte receptor cluster (LRC) member 4; O-acyltransferase domain-containing protein 7; 1-acylglycerophosphatidylinositol O-acyltransferase; bladder and breast carcinoma-overexpressed gene 1 protein; membrane-bound O-acyltransferase domain-containing protein 7; malignant cell expression-enhanced gene/tumor progression-enhanced; LRC4; LENG4; MBOA7; OACT7; hMBOA-7; FLJ41296;

Gene ID 79143

mRNA Refseq NM_001146056

Protein Refseq NP_001139528

MIM 606048

UniProt ID Q96N66

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