

Recombinant Human ABO protein, GST-tagged

Cat. No. ABO-3794H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABO protein(54-354 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	54-354 aa
Tag	N-GST
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

AVREPDHLQRVSLPRMVYPQPKVLTPCRKDVLVVTPLAPIVWEGTFNIDILNEQFR
 LQNTTIGLTVFAIKKYVAFLKLFLETAEKHFVMVGHVHYYVFTDQPAAVPRVTLGTGR
 QLSVLEVGAYKRWQDVSMRRMEMISDFCERRFLSEVDYLVCVDVDMEFRDHVGVE
 ILTPLFGTLHPSFYGSSREAFTYERRPQSQAYIPKDEGDFYYMGAFFGGSVQEVQRL
 TRACHQAMMVDQANGIEAVWHDESHLNKYLLRHKPTKVLSPPEYLWDQQLLGWPAV
 LRKLRFTAVPKNHQAVRNP

GENE INFORMATION
Gene Name

ABO ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase;
 transferase B, alpha 1-3-galactosyltransferase) [Homo sapiens]

Official Symbol

ABO

Synonyms

ABO; ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase;
 transferase B, alpha 1-3-galactosyltransferase); histo-blood group ABO system
 transferase; A3GALNT; A3GALT1; ABO glycosyltransferase; histo-blood group A
 transferase; histo-blood group B transferase; histo-blood group A2 transferase; B(A)
 alpha-1,3-galactosyltransferase; fucosylglycoprotein 3-alpha-galactosyltransferase;
 fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase; glycoprotein-
 fucosylgalactoside alpha-galactosyltransferase; glycoprotein-fucosylgalactoside
 alpha-N-acetylgalactosaminyltransferase; GTB; NAGAT;

Gene ID

28

mRNA Refseq

NM_020469

Protein Refseq

NP_065202

UniProt ID

P16442

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SDS-PAGE



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