

## ABO Blood Group Human Recombinant

<b>Item Number</b>	rAP-1944
<b>Synonyms</b>	Histo-blood group ABO system transferase, Fucosylglycoprotein 3-alpha-galactosyltransferase, Fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase, Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase, Glycoprotein-fucosylgalactos
<b>Description</b>	ABO Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (54-354 a.a) and having a molecular mass of 37.4kDa.ABO is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P16442
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MAVREPDHLQ RVSLPRMVYP QPKVLTPCRK DVLVVTPWLA PIVWEGTFNI DILNEQFRLQ NTTIGLTVFA IKKYVAFCLK FLETAEKHFM VGHRVHYYVF TDQPAAVPRV TLGTGRQLSV LEVRAYKRWQ DVSMRRMEMI SDFCERRFLS EVDYLVCVDV DMEFRDHVGV EILT- PLFGTL HPGFYGSSRE AFTYERRPQS QAYIPKDEGD FYLGGFFGG SVQEVQLRTR ACHQAMMVDQ ANGIEAVWHD ESHLNKYLRLR HKPTKVLSPY YLWDQQLLGW PAVLRKLRFT AVPKNHQAVR NP.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	ABO protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 200mM NaCl. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**