

RPPB1313

Product Information Protein Information

Product SKU:

RPPB1313

Accession:

P16442

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Histo-blood group ABO system transferase, Fucosylglycoprotein 3-alpha-galactosyltransferase, Fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase, Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase, Glycoprotein-fucosylgalactoside alpha-galactosyltransferase, Histo-blood group A transferase, A transferase, Histo-blood group B transferase, B transferase, NAGAT, ABO, GTB, A3GALNT, A3GALT1.

Formulation:

ABO protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 200mM NaCl.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MAVREPDHLQ RVSLPRMVYP QPKVLTPCRK DVLVVTPWLA PIVWEGTFNI
DILNEQFRLQ NTTIGLTVFA IKKYVAFLKL FLETAEKHFV VGHRVHYVVF TDQPAAVPRV TLGTGRQLSV
LEVRAVKRWQ DVSMRRMEMI SDFCERRFLS EVDYLVCDV DMEFRDHVGV EILTPLFGTL HPGFYGSSRE
AFTYERRPQS QAYIPKDEGD FYLGGFFGG SVQEVQLRTR ACHQAMMVDQ ANGIEAVWHD ESHLNKYLLR
HKPTKVLSP EYLWDQQLLGW PAVLRKLRFT AVPKNHQAVR NP.