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Datasheet for ABIN7504219

**ABO Protein (AA 54-354) (Fc Tag)**

## Overview

Quantity:	100 µg
Target:	ABO
Protein Characteristics:	AA 54-354
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABO protein is labelled with Fc Tag.

## Product Details

Purpose:	Human ABO Protein
Sequence:	Ala54-Pro354
Characteristics:	Recombinant Human ABO Protein is expressed from HEK293 with hFc tag at the N-terminus. It contains Ala54-Pro354.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	ABO
Alternative Name:	ABO ( <a href="#">ABO Products</a> )

## Target Details

Background:	Histo-blood group ABH (O) antigens are major alloantigens in humans. These antigens are widely distributed in human tissues and undergo changes in expression during cellular differentiation and malignant development. The ABH antigens have been characterized as terminal disaccharide determinants which represent secondary gene products. They are synthesized in a stepwise fashion from a precursor by the action of different glycosyltransferases.
Molecular Weight:	60.56 kDa. Due to glycosylation, the protein migrates to 62-70 kDa based on Tris-Bis PAGE result.

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM Tris, 150 mM NaCl, 500 mM L- Arginine, 2 mM DTT ( pH 7.0).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months