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## Datasheet for ABIN7319324 GPA33 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	GPA33
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPA33 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human GPA33 Protein (His Tag)
Sequence:	Ile22-Val235
Characteristics:	Recombinant Human Glycoprotein A33 is produced by our Mammalian expression system and the target gene encoding Ile22-Val235 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	GPA33
Alternative Name:	GPA33 ( <a href="#">GPA33 Products</a> )
Background:	Background: Human Glycoprotein A33 (GPA33) is a single-pass type I membrane protein, belongs to the CTX family of cell adhesion molecular within the immunoglobulin family, can be expressed in normal gastrointestinal epithelium and in 95 % of colon cancers. GPA33 consists

## Target Details

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of one Ig-like C2-type domain and one Ig-like V-type domain. The predicted mature protein includes a single transmembrane domain, an extracellular region and an intracellular tail. Intracellular traffic and recycling to the cell surface appear to play an important role in GPA33 function and to have an influence on its surface density superseding translation regulation. GPA33 has become a promising target of immunologic therapy strategies. GPA33 may also play an important role in cell-cell recognition and signaling.

Synonym: Cell Surface A33 Antigen, Glycoprotein A33, GPA33

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Molecular Weight: 24.7 kDa

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.