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Datasheet for ABIN6964123 GPA33 Protein (Fc Tag)

Image



#### Overview

Quantity:	100 µg
Target:	GPA33
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPA33 protein is labelled with Fc Tag.

#### Product Details

Purpose:	Recombinant Human GPA33 with C-terminal human Fc tag
Specificity:	GPA33 (Ile22-Val235) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	GPA33
Alternative Name:	GPA33 (GPA33 Products)
Background:	Synonymes: GPA33,A33
	Description: The glycoprotein encoded by this gene is a cell surface antigen that is expressed in
	greater than 95 % of human colon cancers. The open reading frame encodes a 319-amino acid

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	polypeptide having a putative secretory signal sequence and 3 potential glycosylation sites. The
	predicted mature protein has a 213-amino acid extracellular region, a single transmembrane
	domain, and a 62-amino acid intracellular tail. The sequence of the extracellular region contains
	2 domains characteristic of the CD2 subgroup of the immunoglobulin (Ig) superfamily.
Molecular Weight:	predicted molecular mass of 49.8 kDa after removal of the signal peptide. The apparent molecular mass of GPA33-hFc is 55-70 kDa due to glycosylation.
UniProt:	Q99795

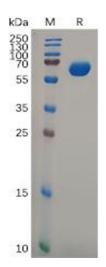
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

### Handling

- Idinaning	
Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



#### SDS-PAGE

**Image 1.** Human GPA33 Protein, hFc Tag on SDS-PAGE under reducing condition.

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