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Datasheet for ABIN6964123
GPA33 Protein (Fc Tag)

1 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:	Synonyms: 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

Target Details

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

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



SDS-PAGE

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