

PRODUCT INFORMATION

GPA33 **Target Synonyms** A33

Recombinant human GPA33(22-139) Protein with **Description**

C-terminal human Fc tag

Delivery In Stock **Uniprot ID** Q99795 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Molecular Weight

Background

GPA33(Ile22-Val139) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

39.3 kDa after removal of the signal peptide. The apparent molecular mass of GPA33(22-139)-hFc is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 polypeptide having a putative secretory signal sequence and 3 potential glycosylation sites. The predicted mature protected has a 213-amino acid polypeptide was a potential branches and a six and

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 immunoglobulo (Ig) superfamily. [provided by

> Email: info@dimabio.com Website: www.dimabio.com

RefSeq, Jul 2008]

Usage Research use only

Conjugate Unconjugated



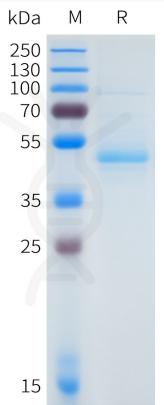


Figure 1. Human GPA33(22-139) Protein, hFc Tag on SDS-PAGE under reducing condition.



