

PRODUCT INFORMATION

GPA33 **Target Synonyms** A33

Recombinant human GPA33 Protein with C-**Description**

terminal 10×His tag

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

Tag C-10×His tag

Molecular Characterization

Background

GPA33(Ile22-Val235) 10×His tag

The protein has a predicted molecular mass of 25.0 kDa after removal of the signal peptide. The apparent molecular mass of GPA33-His is **Molecular Weight**

approximately 25-55 kDa due to glycosylation.

The purity of the protein is greater than 85% 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 branching and protected mature protected by the standard size and the standard siz

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 RefSeq, Jul 2008]

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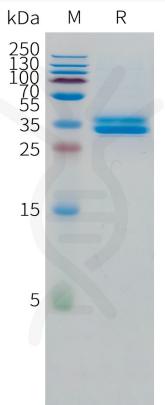


Figure 1. Human GPA33 Protein, His Tag on SDS-PAGE under reducing condition.



