

PRODUCT INFORMATION

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| Target | GPA33 |
| Synonyms | A33 |
| Description | Recombinant Human GPA33 with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q99795 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | GPA33(Ile22-Val235) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 49.8 kDa after removal of the signal peptide. The apparent molecular mass of GPA33-hFc is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | 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. |
| Background | 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 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. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |



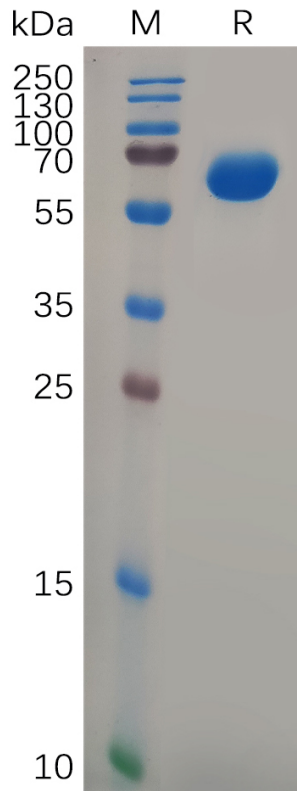


Figure 1. Human GPA33 Protein, hFc Tag on SDS-PAGE under reducing condition.

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