PRODUCT INFORMATION

Target	GPA33
Synonyms	A33
Description	Recombinant human GPA33(135-235) Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q99795
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	GPA33(Leu135-Val235) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of GPA33(135-235)-hFc is approximately 35-55 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
Conjugate	Unconjugated

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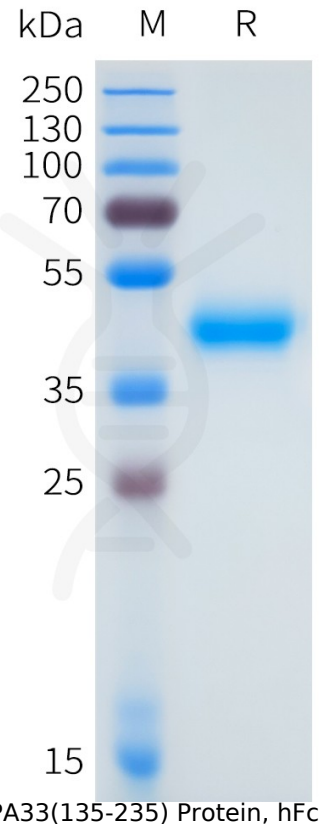


Figure 1. Human GPA33(135-235) Protein, hFc Tag on SDS-PAGE under reducing condition.

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