

RP00381

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Recombinant Human Glycoprotein A33/GPA33 Protein

Catalog No.: RP00381

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	10223	Q99795

Tags
C-6×His

Synonyms
A33;GPA33

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.

Basic Information

Description

Recombinant Human Glycoprotein A33/GPA33 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Ile22-Val235) of human Glycoprotein A33/GPA33 (Accession #Q99795) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2. Contact us for customized product form or formulation.

Reconstitution

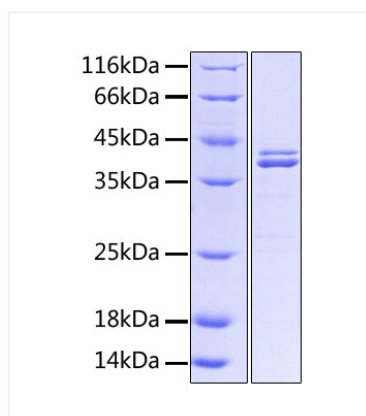
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human Glycoprotein A33/GPA33 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 40 kDa±38 kDa.