Product Name: Recombinant Human GPA33 (C-6His)
Catalog #: PHH0744

Summary

Name	Glycoprotein A33/GPA33
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Glycoprotein A33 is produced by our Mammalian expression system and the target gene encoding Ile22-Val235 is expressed with a 6His tag at the C-terminus.
Accession #	Q99795
Host	Human Cells
Species	Human
Predicted Molecular Mass	24.66 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, 1mM EDTA, pH7.2.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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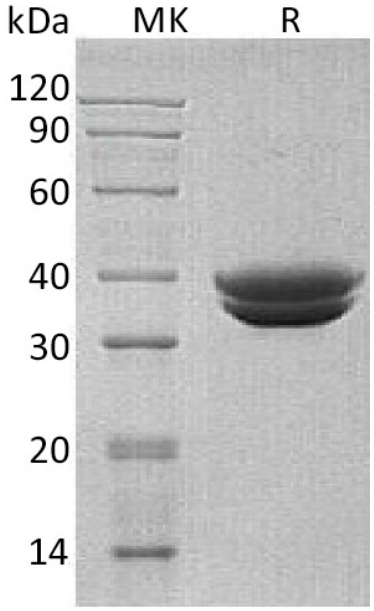

Alternative Names

Cell Surface A33 Antigen; Glycoprotein A33; GPA33

Background

Human Glycoprotein A33 (GPA33) is a single-pass type I membrane protein, belongs to the CTX family of cell adhesion molecular within the immunoglobulin family, can be expressed in normal gastrointestinal epithelium and in 95% of colon cancers. GPA33 consists of one Ig-like C2-type domain and one Ig-like V-type domain. The predicted mature protein includes a single transmembrane domain, a extracellular region and a intracellular tail. Intracellular traffic and recycling to the cell surface appear to play an important role in GPA33 function and to have an influence on its surface density superseding translation regulation. GPA33 has become a promising target of immunologic therapy strategies. GPA33 may also play a important role in cell-cell recognition and signaling.

Note

For Research Use Only , Not for Diagnostic Use.