

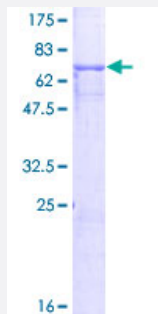
Full-Length

GPA33 (Human) Recombinant Protein (P01)

Catalog # H00010223-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GPA33 full-length ORF (NP_005805.1, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVGKMWPVLWTLCAVRVTVDASVETPQDVLRSQGKSVTLPCITYHTSTSSREGLIQWDKLLLTH
TERVVIWPFSSKNYIHGELYKNRVSISNNAEQSDASITDQLTMADNGTYECSVSLMSDLEGNTKSR
VRLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNINLQEQPLAQPASGQPVSLK
NISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALYGVIAVGVAALIIIGIIYCCCCRGKDDNTE
DKEDARPNREAYEEPPEQLRELSREREEDDYRQEEQRSTGRES PDHLDQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GPA33

Entrez GeneID [10223](#)

GeneBank Accession# [NM_005814.1](#)

Protein Accession# [NP_005805.1](#)

Gene Name GPA33

Gene Alias A33, MGC129986, MGC129987

Gene Description glycoprotein A33 (transmembrane)

Omim ID [602171](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000032346|transmembrane glycoprotein A33

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Osteoporosis](#)
- [Tobacco Use Disorder](#)