

Product datasheet for **TP310225L**

GPA33 (NM_005814) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human glycoprotein A33 (transmembrane) (GPA33), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC210225 protein sequence
Red=Cloning site **Green**=Tags(s)

MVGKMWPVLWTLCAVRVTVD AISVETPQDVL RASQGKSVTL PCTYHTSTSSREGLIQWDKLLLTHTERVV
IWPF SNKNYIHGELYKNRVSISNNAEQSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLVLP
PSKPECGIEGETIIGNNIQLTCQSKEGSPTQYSWKRYNILNQEQLAQPASGQPVS LKNISTDTSGYYI
CTSSNEEGTQFCNITVAVRSPSMNVALYVGVAVGVAALIIIGIIYCCCCRGKDDNTEDKEDARPNREA
YEEPPEQLRELSREREEEDDYRQEEQRSTGRES PDHLDQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 33.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_005805](#)
Locus ID: 10223



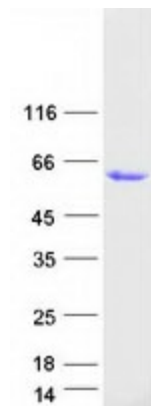
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UniProt ID: [Q99795](#)
RefSeq Size: 2793
Cytogenetics: 1q24.1
RefSeq ORF: 957
Synonyms: A33

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, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified GPA33 protein (Cat# [TP310225]). The protein was produced from HEK293T cells transfected with GPA33 cDNA clone (Cat# [RC210225]) using MegaTran 2.0 (Cat# [TT210002]).