

Product datasheet for PH310225

GPA33 (NM_005814) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GPA33 MS Standard C13 and N15-labeled recombinant protein (NP_005805)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210225
Predicted MW:	35.6 kDa
Protein Sequence:	>RC210225 protein sequence Red=Cloning site Green=Tags(s) MVGKMWPLWTLCAVRVTVDIAISVETPQDVLRASQGKSVTLPCITYHTSTSSREGLIQWDKLLLTHTERVV IWPFSNKNYIHGELYKNRVVISNNAEQSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLVLP PSKPECGIEGETIIGNNIQLTCQSKEGSPTQYSWKRYNINLQEQPLAQPASGQPVSLKNISTDTSGYI CTSSNEEGTQFCNITVAVRSPSMNVALYVGIAGVVAALIIIGIIYCCCCRKDDNTEDKEDARPNREA YEEPPEQLRELSREREEEDDYRQEEQRSTGRES PDHLDQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005805</u>
RefSeq Size:	2793
RefSeq ORF:	957
Synonyms:	A33
Locus ID:	10223



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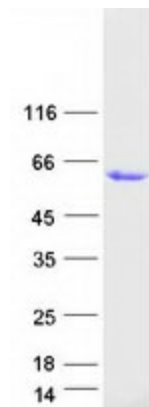
UniProt ID: [Q99795](#)

Cytogenetics: 1q24.1

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]).