

Product datasheet for PH301429

SGTA (NM_003021) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SGTA MS Standard C13 and N15-labeled recombinant protein (NP_003012)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201429
Predicted MW:	34.1 kDa
Protein Sequence:	>RC201429 protein sequence Red=Cloning site Green=Tags(s) MDNKKRLAYAI IQFLHDQLRHGGLSSDAQESLEVAIQCLEAFGVTVEDSDLALPQTLPEIFEAAATGKE MPQDLRSPARTPPSEEDSAEAERLKTEGNEQMKVENFEAAVHFYGKAIELNPANAVYFCNRAAAYSKLG YAGAVQDCERAICIDPAYSKAYGRMGLALSSLNKHVEAVAYYKKALELDPNETYKSNLKI AELKLREAP SPTGGVGSFDIAGLLNPNPGFMSMASNLMNNPQIQQLMSGMISGGNNPLGTPGTSPSQNDLASLIQAGQQF AQQMQQNPELIEQLRSQIRSRTPSASNDDQQE 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:	NP_003012
RefSeq Size:	2358
RefSeq ORF:	939
Synonyms:	alphaSGT; hSGT; SGT
Locus ID:	6449



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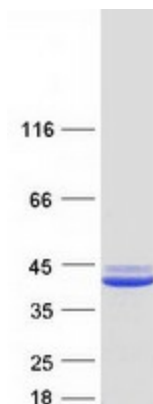
UniProt ID: [O43765](#)

Cytogenetics: 19p13.3

Summary: This gene encodes a protein which is capable of interacting with the major nonstructural protein of parvovirus H-1 and 70-kDa heat shock cognate protein; however, its function is not known. Since this transcript is expressed ubiquitously in various tissues, this protein may serve a housekeeping function. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified SGTA protein (Cat# [TP301429]). The protein was produced from HEK293T cells transfected with SGTA cDNA clone (Cat# [RC201429]) using MegaTran 2.0 (Cat# [TT210002]).