

Product datasheet for PH318509

SMAGP (NM_001031628) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SMAGP MS Standard C13 and N15-labeled recombinant protein (NP_001026798)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218509
Predicted MW:	10.7 kDa
Protein Sequence:	>RC218509 protein sequence Red=Cloning site Green=Tags(s) MTSLLTTPSPREELMTTPILQPTEALSPEDGASTALIAVVITVVFLLTLLSVVILIFFYLYKNKGSYVTYE PTEGEPsAIVQMESDLAKGSEKEEYFI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_001026798
RefSeq Size:	1087
RefSeq ORF:	291
Synonyms:	hSMAGP
Locus ID:	57228
UniProt ID:	Q0VAQ4
Cytogenetics:	12q13.13

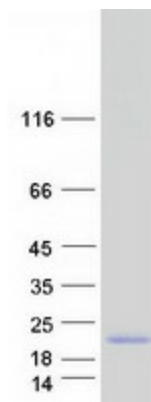


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Summary: May play a role in epithelial cell-cell contacts. May play a role in tumor invasiveness and metastasis formation.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified SMAGP protein (Cat# [TP318509]). The protein was produced from HEK293T cells transfected with SMAGP cDNA clone (Cat# [RC218509]) using MegaTran 2.0 (Cat# [TT210002]).