

Product datasheet for PH327680

GPSM1 (NM_001145638) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GPSM1 MS Standard C13 and N15-labeled recombinant protein (NP_001139110)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227680
Predicted MW:	74.3 kDa
Protein Sequence:	>RC227680 representing NM_001145638 Red=Cloning site Green=Tags(s)

MAGPAPPVADELPGPAARRLYSRMEASCLELALAGERLCKAGDFKTGVAFEAHVQVGTEDLKTLSAIYS
QLGNAYFYLKEHGRALEYHKHDLALLARTIGDRMGEEKASGNLGNLTKVLGRFDEAAVCCQRHLSIAQEQQ
DKVGEARALYINIVYHAKGKQLSWNAANATQDPGHLPPDVRETLCASEFYERNLSLVKELGDRAAQGR
AYGNLGNTHYLLGNFTEATTFHKERLAIKEFGDKAAERRAYSNLGNAHVFLGRFDVAAEYKKTLLSR
QLRDQAVEAQACYSYLGNTYTLQDYERAAEYHLRHLIAQELADRVGEGRACWSLGNAYVSMGRPAQALT
FAKKHLQISQEIHDRHGLTARMNVAQLQLVLGRLTSPAASEKPDLAGYEAQGARPKRTQRLSAETWDL
RLPLEREQNGDSSHSGDWRGSPSRDSLPLPVRSRKYQEGPDAERRPREGSHSPLDSADRVVHVPRTSIPRA
PSSDEECFFDLLTKFQSSRMDDQRCPLDDGQAGAAEATAAPTLEDRIAQPSMTASPTQTEEFFDLIASSQS
RRLDDQRASVGSPLGLRITHSNAGHLRGHGEPQEPGDDFNMLIKYQSSRIDDQRCPPDVLPRGPTMPD
EDFFSLIQRVQAKRMDEQRVDLAGGPEQAGGPPPEPQQCQPGAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

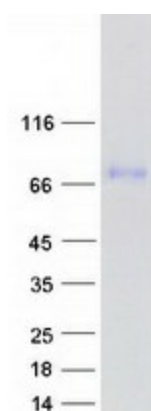
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001139110
RefSeq ORF:	2025



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Synonyms:	AGS3
Locus ID:	26086
UniProt ID:	Q86YR5 , A0A0A0MSK4
Cytogenetics:	9q34.3
Summary:	G-protein signaling modulators (GPSMs) play diverse functional roles through their interaction with G-protein subunits. This gene encodes a receptor-independent activator of G protein signaling, which is one of several factors that influence the basal activity of G-protein signaling systems. The protein contains seven tetratricopeptide repeats in its N-terminal half and four G-protein regulatory (GPR) motifs in its C-terminal half. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Product images:



Coomassie blue staining of purified GPSM1 protein (Cat# [TP327680]). The protein was produced from HEK293T cells transfected with GPSM1 cDNA clone (Cat# [RC227680]) using MegaTran 2.0 (Cat# [TT210002]).