

Product datasheet for **TP509826**

Gpsm1 (BC071197) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse G-protein signalling modulator 1 (AGS3-like, C, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209826 protein sequence Red=Cloning site Green=Tags(s)

MRNLQRKRMEASCLELALAGERLCKAGDFKAGVAFFEAQVQGTEDLKTLSAIYSQLGNAYFYLYKEYARA
LQFHKHDLLLARTIGDRMGAEKASGNLGNLTKVLGRFDEAIVCCQRHLDAEQGDKVGEARALYNIGNV
YHAKGKQLSWNAAQDPGHLPPDVRETLHRASEFYERNLSLVKELGDRAAQGRAYGNLGNTHYLLGNFTEA
TTFHKERLAIKAEFGDKAAERRAYSNLGNAHIFLGRFDVAAEHYKKTLLQSRQLRDQAVEAQACYSLGNT
YLLQDYERAAEYHLRHLVIAQELADRVGEGRACWSLGNAYVSMGSPAQALTFAKKHLQISQEIGDRNGE
LTARMNIAHLQLALGRLTSPAAAEKPDLAGYEAQGARPVRTQRLSAETWDLRLPLDREQNGETHHTGDW
RGPGRDLSPLPMRSRKYQEGPDAIERRPREGSHSPLDSADVRVQVPRTGIPRAPSSDEECFFDLLSKFQS
SRMDDQRCPLEEGQAGAAEATAAPSVEDRAAQSSVTASPQTEEFFDLIASSQSRRLLDDQRASVGSPLPGLR
ITLNNVGHRLRGDGAQEPGDEFFNMLIKYQSSRIDDRCPDVLPRGPTMPDEDFFSLIQVRVQAKRMDE
QRVDLAGSPEQEASGLPDPQQQCPPGAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	73 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online »](#)

Locus ID:	67839
UniProt ID:	Q6IR34
RefSeq Size:	3474
Cytogenetics:	2 A3
RefSeq ORF:	1974
Synonyms:	1810037C22Rik; Ags3; AW107933
Summary:	<p>Guanine nucleotide dissociation inhibitor (GDI) which functions as a receptor-independent activator of heterotrimeric G-protein signaling. Keeps G(i/o) alpha subunit in its GDP-bound form thus uncoupling heterotrimeric G-proteins signaling from G protein-coupled receptors. Controls spindle orientation and asymmetric cell fate of cerebral cortical progenitors. May also be involved in macroautophagy in intestinal cells. May play a role in drug addiction.</p> <p>[UniProtKB/Swiss-Prot Function]</p>