

## Product datasheet for PH305820

### GPSM3 (NM\_022107) Human Mass Spec Standard

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                                                                                                                                                                                                                                |
| Description:                          | GPSM3 MS Standard C13 and N15-labeled recombinant protein (NP_071390)                                                                                                                                                                                                              |
| Species:                              | Human                                                                                                                                                                                                                                                                              |
| Expression Host:                      | HEK293                                                                                                                                                                                                                                                                             |
| Expression cDNA Clone or AA Sequence: | RC205820                                                                                                                                                                                                                                                                           |
| Predicted MW:                         | 17.9 kDa                                                                                                                                                                                                                                                                           |
| Protein Sequence:                     | >RC205820 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>ME AERPQEEEDGEQGPPQDEEGWPPNSTTRPWRSAPPSPPPGTRHTALGPRSASLLSLQTTELLLDLVA<br>EAQSRRLEEQRATFYTPQNPSSLAPAPLRPLEDREQLYSTILSHQCQRMEAQRSEPLPPGGQELLELLL<br>RVQGGRMEEQRSRPPTHTC<br><br>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- 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:                               | <u>NP_071390</u>                                                                                                                                                                                                                                                                   |
| RefSeq Size:                          | 1472                                                                                                                                                                                                                                                                               |
| RefSeq ORF:                           | 480                                                                                                                                                                                                                                                                                |
| Synonyms:                             | AGS4; C6orf9; G18; G18.1a; G18.1b; G18.2; NG1                                                                                                                                                                                                                                      |
| Locus ID:                             | 63940                                                                                                                                                                                                                                                                              |
| UniProt ID:                           | <u>Q9Y4H4</u> , <u>A0A024RCP6</u>                                                                                                                                                                                                                                                  |

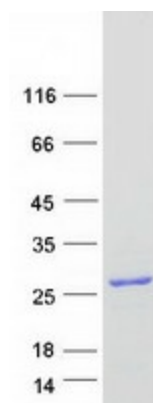


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Cytogenetics: 6p21.32

Summary: Interacts with subunit of G(i) alpha proteins and regulates the activation of G(i) alpha proteins.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified GPSM3 protein (Cat# [TP305820]). The protein was produced from HEK293T cells transfected with GPSM3 cDNA clone (Cat# [RC205820]) using MegaTran 2.0 (Cat# [TT210002]).