

## Product datasheet for PH325212

### MSGN1 (NM\_001105569) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MSGN1 MS Standard C13 and N15-labeled recombinant protein (NP_001099039)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225212
Predicted MW:	20.6 kDa
Protein Sequence:	>RC225212 representing NM_001105569 Red=Cloning site Green=Tags(s)  MDNLRETFLSLEDGLGSSDSPGLLSSWDWKDRAGPFELNQASPSQSLSPAPSLESYSSSPCPAVAGLPCE HGGASSGGSEGC SVGGASGLVEVDYNMLAFQPTHLQGGGGPKAQKGTKVRMSVQRRRKASEREKLRMRTL ADALHTLRNYLPPVYSQRGQPLTKIQTLKYTIKYIGELDLLNRGREPRAQSA  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001099039</a>
RefSeq ORF:	579
Synonyms:	MSOG; pMsgn1
Locus ID:	343930
UniProt ID:	<a href="#">A6N115</a>
Cytogenetics:	2p24.2

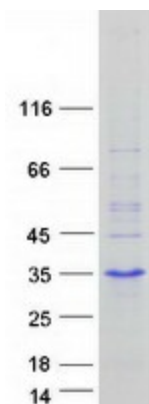


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**Summary:** Involved in specifying the paraxial, but not dorsal, mesoderm. May regulate the expression of T-box transcription factors required for mesoderm formation and differentiation (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

**Product images:**



Coomassie blue staining of purified MSGN1 protein (Cat# [TP325212]). The protein was produced from HEK293T cells transfected with MSGN1 cDNA clone (Cat# [RC225212]) using MegaTran 2.0 (Cat# [TT210002]).