

## Product datasheet for PH308903

### MPP3 (NM\_001932) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MPP3 MS Standard C13 and N15-labeled recombinant protein (NP_001923)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208903
Predicted MW:	66.2 kDa
Protein Sequence:	>RC208903 protein sequence Red=Cloning site Green=Tags(s)

MPVLSSEDSGLHETLALLTSQLRPDSNHKEEMGFLRDVFSEKLSYLMKIHEKLRYYERQSPTPVLHSAVA  
LAEDVMEELQAASVHSDERELLQLLSTPHLRVLMVHDTVAQKNFDPVLPPLPDNIDEDFDEESVKIVRL  
VKNKEPLGATIRRDEHSGAVVVARIMRGGAAADRSGLVHVGDELREVNIAVLHHRPDEISQILAQSQSGSI  
TLKIIPATQEEDRLKESKVFMRALFHYNPREDRAIPCQEAGLPFQRRQVLEVVSDQDPTWWQAKRVGDTN  
LRAGLIPSKGFQERRLSYRRAAGTLPSPQSLRKPPYDQPCDKETCDCEGYLKGHYVAGLRRSFRLLGCRER  
LGGSQEGKMSSGAESPELLTYEEVARYQHQPGERPRLVVLIGSLGARLHELKQKVVAVENPQHFGVAVPHT  
TRPRKSHEKEGVEYHFVSKQAFEADLHHNKFLEHGEYKENLYGTSLEAIQAVMAKNKVCVLDVPEPEALKQ  
LRTSEFKPYIIFVKPAIQEKRRKTPPMSPACEDTAAPFDEQQQEMAASAFAIDRHYGHLVDAVLVKEDLQG  
AYSQKVVLEKLSKDTWVPSWVR

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:	<u><a href="#">NP_001923</a></u>
RefSeq Size:	2851
RefSeq ORF:	1755



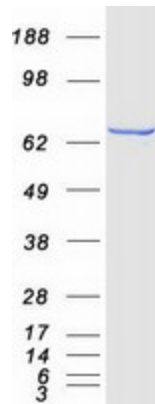
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**Synonyms:** DLG3  
**Locus ID:** 4356  
**UniProt ID:** [Q13368](#)  
**Cytogenetics:** 17q21.31

**Summary:** This gene product is a member of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. This protein contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction. Alternatively spliced transcript variants have been identified. One transcript variant is experimentally supported, but it doesn't encode a protein. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified MPP3 protein (Cat# [TP308903]). The protein was produced from HEK293T cells transfected with MPP3 cDNA clone (Cat# [RC208903]) using MegaTran 2.0 (Cat# [TT210002]).