

## Product datasheet for PH316191

### PRG3 (NM\_006093) Human Mass Spec Standard

#### Product data:

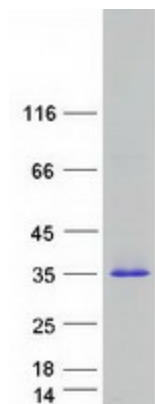
Product Type:	Mass Spec Standards
Description:	PRG3 MS Standard C13 and N15-labeled recombinant protein (NP_006084)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216191
Predicted MW:	25.2 kDa
Protein Sequence:	<p>&gt;RC216191 representing NM_006093</p> <p>Red=Cloning site Green=Tags(s)</p> <p>           MQRLLLLPFLLLGTVSALHLENDAPHLESLETQADLGQDLDSKEQERDLALTEEVIQAEGEEVKASACQ            DNFEDEEAMESDPAALDKDFQCPREEDIVEVQGSPRCKTCRYLLVRTPKTFAEAQNVC SRCYGGNLVSIH            DFNFNRYIQCTSTVNQAQVWIGGNLRGWFLWKRFCWTDGSHWNFA YWSPGQPGNGQGSCVALCTKGGYW            RRAQCDKQLPFVCSF         </p> <p>           TRTRPLEQKLISEEDLAANDILDYKDDDDKV         </p>
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_006084</a>
RefSeq Size:	868
RefSeq ORF:	675
Synonyms:	MBP2; MBPH
Locus ID:	10394
UniProt ID:	<a href="#">Q9Y2Y8</a>


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**Cytogenetics:** 11q12.1

**Summary:** Possesses similar cytotoxic and cytostimulatory activities to PRG2/MBP. In vitro, stimulates neutrophil superoxide production and IL8 release, and histamine and leukotriene C4 release from basophils.[UniProtKB/Swiss-Prot Function]

**Product images:**



Coomassie blue staining of purified PRG3 protein (Cat# [TP316191]). The protein was produced from HEK293T cells transfected with PRG3 cDNA clone (Cat# [RC216191]) using MegaTran 2.0 (Cat# [TT210002]).