

Product datasheet for TP316191

PRG3 (NM_006093) Human Recombinant Protein

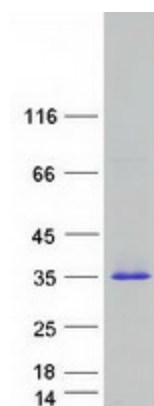
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human proteoglycan 3 (PRG3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216191 representing NM_006093 <div> <div>Red</div>=Cloning site <div>Green</div>=Tags(s) </div> <p> MQRLLLLPFLLLGTVSALHLENDAPHLESLETQADLGQDLDSSEKERDLALTEEVIQAEGEEVKASACQ DNFEDEEAMESDPAALDKDFQCPREEDIVEVQGSPPCKTCRYLLVPTPKTFAEAQNVCSRCYGGNLVSIH DFNFNRYRIQCCTSTVNQAQVWIGGNLRGWFLWKRFWCWDGSHWNFAYWSPGQPGNGQGSCVALCTK GGYW RRAQCDKQLPFVCSF </p> <div> <div>TR</div> <div>TRPLEQKLISEEDLAANDILDYKDDDDKV</div> </div>
Tag:	C-Myc/DDK
Predicted MW:	25.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006084</u>
Locus ID:	10394


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UniProt ID:	<u>Q9Y2Y8</u>
RefSeq Size:	868
Cytogenetics:	11q12.1
RefSeq ORF:	675
Synonyms:	MBP2; MBPH
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]).