

Product datasheet for **TP720723XL**

PRG3 (NM_006093) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human proteoglycan 3 (PRG3)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Leu18-Phe225
Tag:	C-His
Predicted MW:	24.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP_006084</u>
Locus ID:	10394
UniProt ID:	<u>Q9Y2Y8</u>
RefSeq Size:	868
Cytogenetics:	11q12.1
RefSeq ORF:	675
Synonyms:	MBP2; MBPH


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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]