

Product datasheet for **TP505330**

Ptgr2 (NM_029880) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse prostaglandin reductase 2 (Ptgr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205330 protein sequence Red =Cloning site Green =Tags(s)

MIIQRVVLNSRPGKNGNPVAENFRVEEFSLLDALNEGQVQVRTLYLSVDPYMRCKMNEDTGTDY LAPWQL
AQVADGGGIGIVEESKHQKLAKGDFVTSFYWPWQTKAILDGNGLEKVDPLVDGHLSYFLGAIGMPGLTS
LIGVQEKGHISAGSNQTMVVSAGACGSLAGQIGHLLGCSRVGICGTQEKCLFLTSELGFDAAVNYKT
GNVAEQLREACPGGVDVYFDNVGGDISNTVISQMNENSHIILCGQISQYNKDVPYPPPLPPAVEAIRKER
NITRERFTVLNYKDKFEPGILQLSQWFKGKLVKQKTVAKGLENMGVAFQSMMTGGNVGKQIVCISEDSS
L

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	38.1 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
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 after receiving vials.
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_084156</u>
Locus ID:	77219
UniProt ID:	<u>Q8VDQ1</u>



[View online »](#)

RefSeq Size:	3121
Cytogenetics:	12 D1
RefSeq ORF:	1056
Synonyms:	1810016I24Rik; 9130222H03Rik; 9630002F03Rik; AI838763; B830026H24Rik; PGR-2; PRG-2
Summary:	Functions as 15-oxo-prostaglandin 13-reductase and acts on 15-keto-PGE1, 15-keto-PGE2, 15-keto-PGE1-alpha and 15-keto-PGE2-alpha with highest activity towards 15-keto-PGE2. Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation.[UniProtKB/Swiss-Prot Function]