

## Product datasheet for TP501111

### Ptges (NM\_022415) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse prostaglandin E synthase (Ptges), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201111 representing NM_022415 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MPSPGLVMESGQVLP AFLLCSTLLVIKMYAVAVITGQMRLRKKAFANPEDALKRGGGLQYYRSDPDVERCL RAHRNDMETIYPFLFLGFVYSFLGPNPLIAWIHFLVLTGRVHTVAYLGKLNPRLRSGAYVLAQFSCFS MALQILWEVAHHL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	17.7 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:	<a href="#">NP_071860</a>
Locus ID:	64292
UniProt ID:	<a href="#">Q9JM51</a> , <a href="#">Q8BNP8</a>
RefSeq Size:	3651
Cytogenetics:	2 21.75 cM



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RefSeq ORF: 459

Synonyms: 2410099E23Rik; D2Ertd369e; mPGES; mPGES-1; Pges

Summary: Catalyzes the oxidoreduction of prostaglandin endoperoxide H2 (PGH2) to prostaglandin E2 (PGE2).[UniProtKB/Swiss-Prot Function]