

## Product datasheet for TP517770

### Pfas (NM\_001159519) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphoribosylformylglycinamide synthase (FGAR amidotransferase) (Pfas), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR217770 representing NM_001159519
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAPVLHFYVRPSGHEGAASGRVFRRLQEKLPTLQSVETELCYNVHWAETLPWAEEMKKLMWLFGCPLVR  
DDVAQEPWLVPGSNDLLLEVGPRLNFSTPASTNIVSVCQAAGLRAVDRVETTRRYRLSFTDHPTAEMEI  
SLAALHDRMTEQHYPDPIQSFSPQSIPAPLKGSIDILAEGRPALEKANQELGLALDSWDLDFYTKRFQEL  
QRNPSTVEVFDLAQSNSEHSRHWFFKQGLHVDGKLAHSLFESIMSTQASSNPNNVLKFCDNSSAIQGGK  
VKFLRPEDSTRPSCFQQQGLRHVVFTAETHNFPTGVAPFSGATTGTGGRIRDVQCTGRGAHVAGTAGY  
CFGNLHIPDYNLPWEDPSFQYPGNFARPLEVAIEASNGASDYGNKFGPEVLAGFARSLGLQLPDGQRREW  
IKPIMFSGGIGSMEAKHVGKKPPEPGMEVVKVGGPVYRIGVGGGAASSVQVQGDNTSDLDFGAVQRGDPE  
MEQKMNRVIRACVEAPGGNPICSLHDQGAGGNGNVLKELSDEGAIYTSRFQLGDPTLNALEIWGAIEYQ  
ESNALLLRPSDRDFLSRASARERCPACFVGTITGDKRIVLVDDRECLVGTGQGDAPLTPPTPVDLDDW  
VLGKMPQKEFFLQRKPPVLQPLALPPELSVRQALNRVLRPAVASKRYLTNKVDRSVGGGLVAQQCVGPL  
QTPLADVAVVALSHQECIGAATALGEQPVKSLDLPKAAARLAVSEALTNLVFALVTDLRDVKCSGNMWA  
AKLPGEAALADACEAMVAVMAALGVAVDGGKDSLSMAARVGTETVQAPGSLVISAYAVCPDITATVTPD  
LKHPGGKGHLLYVPLSPGQHRLGGTALAQCFSQLGEHPPDLDPENLVRAFHITQGLLKECRLCSGHDVS  
DGGLVTCLLEMAFAGNCGIEVDVPAGIHALPVLFAEPPGLVLEVQEADVAGVRQRYESAGLRCELELGH  
GEAGPQAMARISVNKAVVVEEPVGELRALWEETSFLDQLLQAEPRCVIEEKQGLKERTGPSYYLPPTFPV  
ASVPCPKGGPVPRVAILREEGSNGDREMADAFHLAGFEVWDVTMQDLCSGAIRLDTFRGVAFVGGFSYAD  
VLGSAGWAAAVTFNPQAREELGRFRRRPDTFSLGVCNGCQLLALLGWVGS DPSEEQAEPGQDSQPTQPG  
LLLRHNLSGRFESRWATVRVEPGPALMLRGMESVLPVWSAHGEGYMAFSSPELQAKIEAKGLVPLHWAD  
DDGNPTEQYPLNPNPNSPGGIAGICSQDGRHLALMPHPERAVRLWQAWRSPFDVLPPTSPWLQLFINARN  
WTQEDSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	144.6 kDa



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<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001152991</a>
<b>Locus ID:</b>	237823
<b>UniProt ID:</b>	<a href="#">Q5SUR0</a>
<b>RefSeq Size:</b>	6369
<b>Cytogenetics:</b>	11 B3
<b>RefSeq ORF:</b>	4011
<b>Synonyms:</b>	4432409B16Rik; FGAMS; FGAR-AT; FGARAT; Gm18; PURL; Sofa
<b>Summary:</b>	Phosphoribosylformylglycinamide synthase involved in the purines biosynthetic pathway. Catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (FGAR) and glutamine to yield formylglycinamide ribonucleotide (FGAM) and glutamate (By similarity). [UniProtKB/Swiss-Prot Function]