

## Product datasheet for **TP507362**

### **Pik3r3 (NM\_181585) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse phosphoinositide-3-kinase regulatory subunit 3 (Pik3r3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA</b>	>MR207362 protein sequence
<b>Clone or AA Sequence:</b>	Red=Cloning site Green=Tags(s)

MYNTVWSMDRDDADWREVMMPYSTELEFYIEMDPPALPPKPPKPMTPAVTNGMKDSFISLQDAEWYWGDI  
SREEVNDKLRDMPDGTFLVRDASTKMQGDYTLTLRKGNNKLIKIHHRDYGKGFSEPLTFTSVELINHY  
HHESLAQYNPKLDVCLTYVSRFQQDQLVKEDNIDAVGKNLQEFHSQYQEKSEYDRLYEYTRTSQEIQ  
MKRTAIEAFNETIKIFEEQCHTQEHSKDYIERFRREGNEKEIERIMMNYDKLSRLGEIHDSKLRLEQD  
LKKQALDNREIDKKMNSIKPDLIQLRKIRDQHLVWLNHRGVRQRLNAWLGKINEDSDESYFINEEDENL  
PHYDEKTFWVEDINRVQAEDLLYGKPDGAFLIRESSKKGACYACSVWADGEVKHCVIYSTARGYGFAEPYN  
LYSSLKELVLHYQQTSLVQHNDLSLNVRLAYPVHAQMPTLCR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	54.5 kDa
<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_853616</a>
<b>Locus ID:</b>	18710



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UniProt ID:	<u>Q64143</u> , <u>Q3UXE9</u>
RefSeq Size:	5004
Cytogenetics:	4 D1
RefSeq ORF:	1386
Synonyms:	AA414954; p55pik
Summary:	Binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1.[UniProtKB/Swiss-Prot Function]