

## Product datasheet for TP527200

### Rps6ka6 (NM\_025949) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ribosomal protein S6 kinase polypeptide 6 (Rps6ka6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227200 representing NM_025949 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLNFRTRHTPSGHRNSNLNLFCCLPFFGCRRRSKSRQRAGTPVWPVLLRYPRLARSAVTQRETWSFEDD  
QEPAAQTGCMLVLGPGSFFSRAPEAAMLFPAPVEDPWDQEDMEVFGSTSSSEPQVFTMKNAATVMREHE  
RKEVNDLKMVDEPMEEGEPVSCRREELVKEIPITQHVKEGYEKADPAQFDLLKVLGGQSGFKVFLVRKKT  
GPDAGQLYAMKVLKASLKVDRVRTKMERDILVEVNHPFIVKLHYAFQTEGKLYLILDFLRGGDVFTRL  
SKEVLFTEEDVKFYLAELALALDHLHRLGIVYRDLKPENILLDEIGHIKLTDGFLSKESVDQEKKAYSFC  
GTVEYMAPEVNNRRGHSQSADWWSYGVLMFEMLTGTLPFQGGKDRNETMNMILKAKLGMPQFLSAEAQSL  
RMLFKRNPANRLGSEGVEEVKRHAFFASIDWNKLYKREVQPPFRPASGKPDFTFCDFPEFTAKTPKDS  
LPASANAHLQFKGFSVATSIAEEYKIPVTSNNVLPVQINGNAAQFSEAYELKEDIGIGSYSVCKRCI  
HSASNVEFAVKIIDKNKRDPEEIEILMRYGQHPNIIISLKEVFDDGKYVYLVTDLMKGGELLDRILKKKC  
FSEQEASNVLYVITKTVECLHSQGVVHRDLKPSNILYMDESAHPDSIKICDFGFAKQLRGENGLLLTPCY  
TANFVAPEVLTQQGYDAACDIWSLGVLLYTMLAGYTPFSNGPNPTPEEILLRIGNRFLSGLGIWDNISR  
GAKDLLSHMLHMDPHQRYTAEQVLKHPWITQREQLPRHQPNSEPPQEAVAAPYSVLARNPNRHHPILEP  
VTASRLAQRNMKKRTSTGL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	97.9 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.



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<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_080225</a>
<b>Locus ID:</b>	67071
<b>UniProt ID:</b>	<a href="#">Q7TPS0</a> , <a href="#">E9QK39</a>
<b>RefSeq Size:</b>	4330
<b>Cytogenetics:</b>	X E1
<b>RefSeq ORF:</b>	2580
<b>Synonyms:</b>	2610524K04Rik; RSK4; S6K-alpha-6
<b>Summary:</b>	Constitutively active serine/threonine-protein kinase that exhibits growth-factor-independent kinase activity and that may participate in p53/TP53-dependent cell growth arrest signaling and play an inhibitory role during embryogenesis.[UniProtKB/Swiss-Prot Function]