

## Product datasheet for TP522119

### Dusp4 (NM\_176933) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dual specificity phosphatase 4 (Dusp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222119 representing NM_176933 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MVTMEELREMDCSVLKRLMNRDENGSGGGSAGNGSGSHGALGLLSGGKCLLLDCRPFLAHSAGYIRGSVN  
VRCNTIVRRRAKGSVSLEQILPAEEVRRARLRSLYSVIVYDERSPRAESLREDSTVSLVQALRRNAE  
RTDICLLKGGYERFSSEYPEFCSKTKALAAIPPPVPPSTNESLDLGCSSCGTPLHDQGGPVEILPFLYLG  
SAYHAARRDMLDALGITALLNVSSDCPNHFEGHYQYKICPVEDNHKADISSWFMEAIEYIDAVKDCRGRV  
LVHCQAGISRSATICLAYLMMKKRVRLEEAFFVKQRRSIIPNFSFMGQLLQFESQVLTTSCAAEEASP  
SGPLRERGGKATPTPTSQFVFSFPVSVGVHAAPSNLPHSPITTSK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	43.4 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_795907</a>
Locus ID:	319520
UniProt ID:	<a href="#">Q8BFV3</a>



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<b>RefSeq Size:</b>	2427
<b>Cytogenetics:</b>	8 A4
<b>RefSeq ORF:</b>	1197
<b>Synonyms:</b>	2700078F24Rik; AI844617; BB104621; E130306H24Rik; MKP2
<b>Summary:</b>	Regulates mitogenic signal transduction by dephosphorylating both Thr and Tyr residues on MAP kinases ERK1 and ERK2.[UniProtKB/Swiss-Prot Function]