

## Product datasheet for **TP300171**

### DUSP23 (NM\_017823) Human Recombinant Protein

#### Product data:

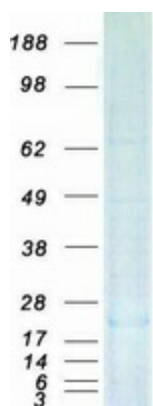
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dual specificity phosphatase 23 (DUSP23), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200171 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MGVQPPNFSWVLPGRLAGLALPRLPAHYQFLDLGVRHLVSLTERGPPHSDSCPGLTLHRLRIPDFCPPA PDQIDRFVQIVDEANARGEAVGVHICALGFGRTGTMLACYLVKERGLAAGDAIAEIRRLRPGSIETYEQEK AVFQFYQRTK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	16.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_060293</a>
Locus ID:	54935
UniProt ID:	<a href="#">Q9BVJ7</a> , <a href="#">A0A140VJ15</a>
RefSeq Size:	718



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Cytogenetics:	1q23.2
RefSeq ORF:	450
Synonyms:	DUSP25; LDP-3; LDP3; MOSP; VHZ
Summary:	Protein phosphatase that mediates dephosphorylation of proteins phosphorylated on Tyr and Ser/Thr residues. In vitro, it can dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10) in vitro. Able to enhance activation of JNK and p38 (MAPK14).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Phosphatase

### Product images:



Coomassie blue staining of purified DUSP23 protein (Cat# TP300171). The protein was produced from HEK293T cells transfected with DUSP23 cDNA clone (Cat# [RC200171]) using MegaTran 2.0 (Cat# [TT210002]).