

Product datasheet for PH300171

DUSP23 (NM_017823) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DUSP23 MS Standard C13 and N15-labeled recombinant protein (NP_060293)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200171
Predicted MW:	16.6 kDa
Protein Sequence:	>RC200171 protein sequence Red=Cloning site Green=Tags(s) MGVQPPNFSWVLPGRLAGLALPRLPAHYQFLLDLGVRLVSLTERGPPHS DSCPLTLHRLRIPDFCPPA PDQIDRFVQIVDEANARGEAVGVHCALGFGRTGMLACYLVKERGLAAGDAIAEIRRLRPGSIETYEQEK AVFQFYQRTK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060293
RefSeq Size:	718
RefSeq ORF:	450
Synonyms:	DUSP25; LDP-3; LDP3; MOSP; VHZ
Locus ID:	54935
UniProt ID:	Q9BVJ7 , A0A140VIJ5



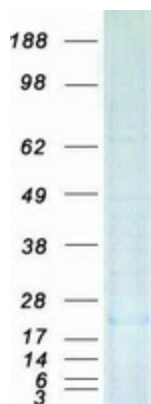
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Cytogenetics: 1q23.2

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]).