

## Product datasheet for **AR50122PU-S**

### DUSP23 (1-150, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	DUSP23 (1-150, His-tag) human recombinant protein, 50 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGVQPPNFSW VLPGRLAGLA LPRLPAHYQF LLDLGVRHLV SLTERGPPHS DSCPGLTLHR LRIPDFCPPA PDQIDRFVQI VDEANARGEA VGVHCALGFG RTGTMLACYL VKERGLAAGD AIAEIRRLRP GSIETYEQEK AVFQFYQRTK
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	18.8 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 10% glycerol, 100 mM NaCl
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human DUSP23 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001306587</a>
<b>Locus ID:</b>	54935
<b>UniProt ID:</b>	<a href="#">Q9BVJ7</a> , <a href="#">A0A140VJ15</a>
<b>Cytogenetics:</b>	1q23.2
<b>Synonyms:</b>	DUSP25; LDP-3; LDP3; MOSP; VHZ



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**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:**