# Recombinant Human DUSP23 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DUSP23-2750H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | DUSP23 MS Standard C13 and N15-labeled recombinant protein (NP_060293) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | 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). |
| **Molecular Mass** | 16.6 kDa |
| **AA Sequence** | MGVQPPNFSWVLPGRLAGLALPRLPAHYQFLLDLGVRHLVSLTERGPPHSDSCPGL TLHRLRIPDFCPPAPDQIDRFVQIVDEANARGEAVGVHCALGFGRTGTMLACYLVKE RGLAAGDAIAEIRRLRPGSIETYEQEKAVFQFYQRTKTRTRPLEQKLISEEDLAANDIL DYKDDDDKV |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 3 months from receipt of products under proper storage and handling conditions. |

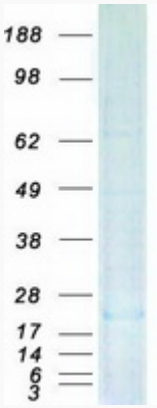
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| **Storage** | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| **Concentration** | 50 μg/mL as determined by BCA |
| **Storage Buffer** | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

## GENE INFORMATION

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| **Gene Name** | DUSP23 dual specificity phosphatase 23 [ Homo sapiens (human) ] |
| **Official Symbol** | DUSP23 |
| **Synonyms** | DUSP23; dual specificity phosphatase 23; dual specificity protein phosphatase 23; DUSP25; FLJ20442; VH1-like member Z; VH1-like phosphatase Z; low molecular mass dual specificity phosphatase 3; low-molecular-mass dual-specificity phosphatase 3; VHZ; MOSP; LDP-3; RP11-190A12.1; |
| **Gene ID** | 54935 |
| **mRNA Refseq** | NM_017823 |
| **Protein Refseq** | NP_060293 |
| **MIM** | 618361 |
| **UniProt ID** | Q9BVJ7 |

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| **SDS-PAGE** |  |



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