

## 32-2294: DUSP23 Recombinant Protein

**Alternative Name** Dual specificity protein phosphatase 23,DUSP25,Low molecular mass dual specificity phosphatase :  
3,LDP-3,VHZ,VH1-like phosphatase Z,MOSP,RP11-190A12.1,FLJ20442,EC 3.1.3.16,EC 3.1.3.48.

### Description

Source : Escherichia Coli. DUSP23 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 170 amino acids (1-150 a.a.) and having a molecular mass of 18.8kDa.DUSP23 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. DUSP23 is a member of the protein-tyrosine phosphatase family. DUSP23 is a protein phosphatase which facilitates dephosphorylation of phosphorylated proteins on Tyr and Ser/Thr residues. In vitro, DUSP23 dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10). In addition, DUSP23 enhances activation of JNK and p38(MAPK14).

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE analysis.  
**Content :** DUSP23 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 2mM DTT, and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGVQPPNFSW VLPGRLAGLA LPRLPAHYQF LLDLGVRHLV  
SLTERGPPHS DSCPGLTLHR LRIPDFCPPA PDQIDRFVQI VDEANARGEA VGVHICALGFG RTGTMLACYL  
VKERGLAAGD AIAEIRRLRP GSIETYEQEK AVFQFYQRTK

