

Dual Specificity Phosphatase 23 Human Recombinant

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| Item Number | rAP-1523 |
| Synonyms | 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 | 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. |
| Uniprot Accession Number | Q9BVJ7 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGVQPPNFSW VLPGRLAGLA LPRLPAHYQF LLDLGVRHLV SLTERGPPHS DSCPGLTLHR LRIPDFCPA PDQIDRFVQI VDEANARGEA VGVHICALGFG RTGTMLACYL VKERGLAAGD AIAEIRLRP GSIETYEQEK AVFQFYQRTK |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. 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. |
| Formulation and Purity | DUSP23 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 2mM DTT, and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE analysis. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**