

Human DUSP23 Recombinant Protein



RPPB1599

Product Information Protein Information

Product SKU:

RPPB1599

Accession:

Q9BVJ7

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Dual specificity protein phosphatase 23, Low molecular mass dual specificity phosphatase 3, LDP-3, VH1-like phosphatase Z, DUSP23, LDP3, VHZ, VH1-Like Member Z, EC 3.1.3.16, EC 3.1.3.48, DUSP25, MOSP, LDP3, Dual Specificity Phosphatase 23, VH1-Like Phosphatase Z, LDP-3, VHZ, Low-Molecular-Mass Dual-Specificity Phosphatase 3, Low Molecular Mass Dual Specificity Phosphatase 3, Dual Specificity Protein, Phosphatase 23, Testicular Tissue Protein Li 59.

Formulation:

DUSP23 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 100mM NaCl.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

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 Sequence:

MGSSHHHHHH SSSLVPRGSH MGVQPPNFSW VLPGRLAGLA LPRLPAHYQF LLDLGVRHLV SLTERGPPHS
DSCPGLTLHR LRIPDFCPA PDQIDRFVQI VDEANARGEA VGVHICALGFG RTGTMLACYL VKERGLAAGD
AIAEIRRLRP GSIETYEQEK AVFQFYQRTK.

Biological Activity:

Specific activity is > 200 units/mg, and is defined as the amount of enzyme that hydrolyzes 1.0 nmole of p-nitrophenyl phosphate (pNPP) per minute at pH 7.5 at 37°C.