

DUSP23 Human

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.

Catalog #:ENPS-202

For research use only.

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.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGVPNNFSW VLPGRLAGLA
LPRLPAHYQF LLDLGVRHLV SLTERGPPHS DSCPGLTLHR LRIPDFCPPA PDQIDRFVQI
VDEANARGEA VGVHICALGFG RTGTMLACYL VKERGLAAGD AIAEIRRLRP GSIETYEQEK
AVFQFYQRTK

Purity:Greater than 90.0% as determined by SDS-PAGE analysis.

Formulation:

DUSP23 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 2mM DTT, and 10% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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).

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