

Human DUSP18 Recombinant Protein



RPPB1594

Product Information Protein Information

Product SKU:

RPPB1594

Accession:

Q8NEJ0

Host:

Escherichia Coli.

Protein description:

DUSP18 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 212 amino acids (1-188a.a.) and having a molecular mass of 23.6kDa. DUSP18 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Dual specificity protein phosphatase 18, Low molecular weight dual specificity phosphatase 20, LMW-DSP20, DUSP18, LMWDSP20, VHP, DUSP26.

Formulation:

The DUSP18 protein solution (0.5mg/ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 0.1mM PMSF, 1mM DTT, 40% glycerol and 1mM EDTA.

Purity:

Greater than 95.0% 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 SGLVPRGSH MGSMTAPSC AFPVQFRQPS VSGLSQITKS LYISNGVAAN NKLMLSSNQI
TMVINVSVEV VNTLYEDIQY MQVPVADSPN SRLCDDFDPI ADHIHSVEMK QGRTLLHCAA GVSRSAAALCL
AYLMKYHAMS LLDAHTWTKS CRPIIRPNSG FWEQLIHYEF QLFKNTVHM VSSPVMIPD IYEKEVRLMI PL

Biological Activity:

Specific activity is > 300 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmole of p-nitrophenyl phosphate (pNPP) per minute at pH 7.5 at 37°C.