

Dual Specificity Phosphatase 21 Human Recombinant

Item Number	rAP-1529
Synonyms	Dual specificity phosphatase 21, Low molecular weight dual specificity phosphatase 21, LMW-DSP21, BJ-HCC-26 tumor antigen, EC 3.1.3.16, EC 3.1.3.48.
Description	DUSP21 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 214 amino acids (1-190) and having a molecular mass of 24.1kDa. DUSP21 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9H596
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMTASAS SFSSSQGVQQ PSIYSFSQIT RSLFLSNGVA AND-KLLLSSN RITAIVNASV EVVNFFEGI QYIKVPVTDA RDSRLYDFFF PIADLIHTID MRQGRTLLHC MAGVSRSLASL CLAYLMKYHS MSLLDAHTWT KSRRPIIRPN NGFWEQLINY EFKLFNNNTV RMIN-SPVGNI PDIYEKDLRM MISM
Source	E.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	The DUSP21 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
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**