

Dual Specificity Phosphatase 21 Human Recombinant

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| 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 Accession Number | Q9H596 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSHTASAS SFSSSQGVQQ PSYFSQIT RSLFLSNGVA AND-KLLSSN RITAIVNASV EVNVFFEGI QYIKVPVTD RDSRLYDFD PIADLIHTID MRQGRTLLHC MAGVSRASL CLAYLMKYHS MSLDAHTWT 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**