

Dual Specificity Phosphatase 22 Human Recombinant

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| Item Number | rAP-1560 |
| Synonyms | Dual specificity protein phosphatase 22, DUSP22, JNK-stimulatory phosphatase-1, JSP-1, Low molecular weight dual specificity phosphatase 2, LMW-DSP2, Mitogen-activated protein kinase phosphatase x, MAP kinase phosphatase x, MKP-x, LMWDSP2, MKPX, JKAP, JSP |
| Description | DUSP22 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 207 amino acids (1-184 a.a.) and having a molecular mass of 23.3kDa. DUSP22 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | Q9NRW4 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSMGNGMNK ILPGLYIGNF KDARDAEQLS KNKVTHILSV HDSARPMLEG VKYLCIPAAD SPSQNLTRHF KESIKFIHEC RLRGESCLVH CLAGVSRSVT LVIAYIMTV DFGWEDALHT VRAGRSCANP NVGFQRQLQE FEKHEVHQYR QWLKEEYGES PLQDAEEAKN ILAAPGILKF WAFLRRL. |
| Source | Escherichia 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 | DUSP22 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% 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**