

Dual Specificity Phosphatase 6 Human Recombinant

Item Number	rAP-1562
Synonyms	Dual specificity protein phosphatase 6, Dual specificity protein phosphatase PYST1, Mitogen-activated protein kinase phosphatase 3, MAP kinase phosphatase 3, MKP-3, DUSP6, MKP3, PYST1, Dual Specificity Phosphatase 6, Dual specificity phosphatase 6 isoform
Description	DUSP6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 401 amino acids (1-381 a.a) and having a molecular mass of 44.4kDa.DUSP6 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q16828
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MIDTLRPVPF ASEMAISKTV AWLNEQLELG NERLLLMDCR PQELYES-SHI ESAINVAIPG IMLRRLQKGN LPVRALFTRG EDRDRFTRRC GTDTVVLYDE SSSDWNENTG GESVLGLLLK KKKDEGCRAF YLEGGFSKFQ AEFSLHCETN LDGSCSSSSP PLPVLGLGGL RISSDSSSDI ESDLDRDPNS ATSDGSPLS NSQPSFPVEI LPFLYLCAK DSTNLDVLEE FGIKYILNVT PNLNLFENA GEFKYKQIPI SDHWSQNLSQ FFPEAISFID EARGKNCGL VHCLAGISRS VTVTVAYLMQ KLNLSMNDAY DIVKMKKSN SPNFNFMGQL LDFERTLGLS SPCDNRVPAQ QLYFTTPSNQ NVYQVDSLQS T.
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	DUSP6 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. 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**