

## 32-2287: DUSP6 Recombinant Protein

**Alternative Name :**

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 is

### Description

Source : Escherichia Coli. 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. Dual Specificity Phosphatase 6, also known as DUSP6 belongs to the dual specificity protein phosphatase subfamily. DUSP6 is a Protein coding gene which inactivates MAP kinases. Various members of the family of dual specificity phosphatases show diverse tissue distribution, subcellular localization, and different modes of inducibility of their expression by extracellular stimuli.

### Product Info

**Amount :**

10 µg

**Purification :**

Greater than 85.0% as determined by SDS-PAGE.

**Content :**

DUSP6 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

**Storage condition :**

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 :**

MGSSHHHHHH SSGLVPRGSH MIDTLRPVPF ASEMAISKTV AWLNEQLELG NERLLLMDCR PQELYESSHI  
ESAINVAIPG IMLRRLQKGN LPVRALFTRG EDRDRFTRRC GTDTVVLYDE SSSDWNENTG GESVLGLLK  
KLKDEGCRAF YLEGGFSKFQ AEFLHCETN LDGSCSSSSP PLPVLGLGGL RISSDSSSDI ESDLDRDPNS  
ATDSDGSPLS NSQPSFPVEI LPFLYLGC AK DSTNLDVLEE FGIKYILNVT PNLPNLFENA GEFKYKQIPI  
SDHWSQNL SQ FFPEAISFID EARGKNCGLV VHCLAGISRS VTVTVAYLMQ KLNLSMNDAY DIVKMKKSNI  
SPNFMFMGQL LDFERTLGLS SPCDNRVPAQ QLYFTTPSNQ NVYQVDSLQS T.

