

## 32-2295: DUSP26 Recombinant Protein

**Alternative Name :**

Dual specificity protein phosphatase 26, Dual specificity phosphatase SKRP3, Low-molecular-mass dual-specificity phosphatase 4, DSP-4, LDP-4, Mitogen-activated protein kinase phosphatase 8, MAP kinase phosphatase 8, MKP-8, Novel amplified gene in thy

### Description

Source : Escherichia Coli. DUSP26 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 234 amino acids (1-211a.a) and having a molecular mass of 26.3kDa. DUSP26 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Dual Specificity Phosphatase 26 (DUSP26) inhibits MAP kinase p38 by dephosphorylating it and inhibits p38-mediated apoptosis in anaplastic thyroid cancer cells. DUSP26 also induces activation of MAP kinase p38 and c-Jun N-terminal kinase. DUSP26 inactivates MAPK1 and MAPK3 which leads to dephosphorylation of heat shock factor protein 4 and a decrease in its DNA-binding activity.

### Product Info

**Amount :**

20 µg

**Purification :**

Greater than 85% as determined by SDS-PAGE.

**Content :**

The DUSP26 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

**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 SGLVPRGSH MGS MCPGNWL WASMTFMARF SRSSSRSPVR TRGTLEEMPT  
VQHPFLNVFE LERLLYTGKT ACNHADEVWP GLYLG DQDMA NNRRELRRLG ITHVLNASHS  
RWRGTPEAYE GLGIRYLGVE AHDSPAFDMS IHFQTAADFI HRALSQPGGK ILVHCAVGVS RSATLVLAYL  
MLYHHLTLVE AIKKVKDHRG IIPNRGFLRQ LLALDRRLRQ GLEA.

