

**DUSP26, 1-211aa, Human, His tag, E.coli**

**Cat.NO.: TP01940**

3th Edition

**Synonyms:**Dual specificity protein phosphatase 26 , Dual specificity phosphatase 26 (putative), DUSP24, LDP-4, MKP8, NATA1, SKRP3

**Description:**DUSP26 inactivates MAPK1 and MAPK3 which leads to dephosphorylation of heat shock factor protein 4 and a reduction in its DNA-binding activity. This protein inhibits MAP kinase p38 by dephosphorylating it and inhibits p38-mediated apoptosis in anaplastic thyroid cancer cells. DUSP26 can also induce activation of MAP kinase p38 and c-Jun N-terminal kinase (JNK). Recombinant human DUSP26 protein, fused to His-tag at N-terminus, was expressed in E.coli .

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

**Molecular Weight:**26.3 kDa (234aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMCPGNWLWASMTFMARFSRSSSRSPVTRGTLEEMPTVQHPFLNVFELER  
LLYTGKTACNHADEVWPGLYLGDDQDMANNRRELRLGITHVLNASHSRWRGTPEAYEGLGIRYLGVEAHDSPAFD  
MSIHFQTAADFIHRALSQPGGKILVHCAVGVSRSATLVLAYLMLYHHLLTLVEAIKKVKDHRGIIPNRGFLRQLLALDRR  
LRQGLEA

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.