

DUSP22,1-184aa, Human, His tag, E.coli

Cat.NO.: TP01937

3th Edition

Synonyms:Dual specificity phosphatase 22, JKAP, JSP1, LMWDSP2, MKPX, VHX

Description:DUSP22 belongs to the protein-tyrosine phosphatase family and contains 1 tyrosine-protein phosphatase domain. This protein activates the Jnk signaling pathway and dephosphorylates and deactivates p38 and stress-activated protein kinase/c-Jun N-terminal kinase (SAPK/JNK). Recombinant human DUSP22 protein, fused to His-tag at N-terminus, was expressed in E.coli.

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

Molecular Weight:23.3 kDa (207aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMGNGMNKILPGLYIGNFKDARDAEQLSKNKVTHILSVHDSARPMLEGVKYLC
IPAADSPSQNLTRHFKEIKFIHECRLRGESCLVHCLAGVSRSVTLVIAYIMTVTDFGWEDALHTVRAGRSCANPNV
GFQRQLQEFKHEVHQYRQWLKEEYGESPLQDAEEAKNILAAPGILKFWAFLRRL

Purity:> 95% by HPLC

Concentration:0.5 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.