

Recombinant Human DUSP22, His-tagged

Cat. No. DUSP22-191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DUSP22,1-184aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-184aa
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 Mass	23.3 kDa (207aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGNGMNK ILPGLYIGNF KDARDAEQLS KNKVTHILSV HDSARPMLEG VKYLCIPAAD SPSQNLTRHF KESIKFIHEC RLRGESCLVH CLAGVSRSVT LVIAYIMTVT DFGWEDALHT VRAGRSCANP NVGFQRQLQE FEKHEVHQYR QWLKEEYGES PLQDAEEAKN ILAAPGILKF WAFLRRL
Purity	>85% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	DUSP22 dual specificity phosphatase 22 [Homo sapiens]
Official Symbol	DUSP22
Synonyms	DUSP22; dual specificity phosphatase 22; dual specificity protein phosphatase 22; JKAP; JSP1; MKPX; VHX; JSP-1; MKP-x; LMW-DSP2; MAP kinase phosphatase x; JNK-stimulating phosphatase 1; JNK-stimulatory phosphatase-1; mitogen-activated protein kinase phosphatase x; low molecular weight dual specificity phosphatase 2; homolog of mouse dual specificity phosphatase LMW-DSP2; LMWDSP2; FLJ35864;
Gene ID	56940
mRNA Refseq	NM_020185
Protein Refseq	NP_064570
UniProt ID	Q9NRW4
Chromosome Location	6pter-q22.33
Pathway	MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem;

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Function

hydrolase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity;

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