

## Recombinant Human DUSP22

Catalog No: #GP10396



Package Size: #GP10396-1 100ug

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## Description

Product Name	Recombinant Human DUSP22
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	dual specificity phosphatase 22
Other Names	VHX; JKAP; JSP1; MKPX; JSP-1; MKP-x; LMWDSP2; LMW-DSP2
Accession No.	Swissprot:Q9NRW4Gene Accession:BC016844
Uniprot	Q9NRW4
GeneID	56940;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Mitogen-activated protein (MAP) kinases are a large class of proteins involved in signal transduction pathways that are activated by a range of stimuli and mediate a number of physiological and pathological changes in the cell. Dual specificity phosphatases (DSPs) are a subclass of the protein tyrosine phosphatase (PTP) gene superfamily, which are selective for dephosphorylating critical phosphothreonine and phosphotyrosine residues within MAP kinases. DSP gene expression is induced by a host of growth factors and/or cellular stresses, thereby negatively regulating MAP kinase superfamily members including MAPK/ERK, SAPK/JNK and p38. DUSP22 dephosphorylates ERK2 MAP kinase and JNK. DUSP22 displays highest in thymus, but it is also detectable in monocytes and lymphocytes.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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