

DUSP22 抗原（重组蛋白）

中文名称：DUSP22 抗原（重组蛋白）

英文名称：DUSP22 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 104-184 amino acids of human DUSP22

技术规格

Full name:	dual specificity phosphatase 22
Synonyms:	VHX; JKAP; JSP1; MKPX; JSP-1; MKP-x; LMWDSP2; LMW-DSP2
Swissprot:	Q9NRW4
Gene Accession:	BC016844
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 disp

lays highest in thymus, but it is also detectable in monocytes and lymphocytes.