DUSP7 抗原（重组蛋白）

中文名称：DUSP7 抗原（重组蛋白）

英文名称： DUSP7 Antigen (Recombinant Protein)

别　名： MKPX; PYST2

储　存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 98-419 amino acids of human DUSP7

技术规格：

Full name:	dual specificity phosphatase 7
Synonyms:	MKPX; PYST2
Swissprot:	Q16829
Gene Accession:	BC019107
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. DUSP7 belongs to a class of DUSPs, designated MKPs, that dephosphorylate MAPK (mitogen-activated protein kinase) proteins ERK (see MIM 601795), JNK (see MIM 601158), and p38 (see MIM 600289) with specificity distinct from that of individual MKP proteins. MKPs contain a highly conserved C-terminal catalytic domain and an N-terminal Cdc25 (see MIM 116947)-like (CH2) domain. MAPK activation cascades mediate various physiologic processes, including cellul

	ar proliferation, apoptosis, differentiation, and stress responses (summary by Patterson et al., 2009 [PubMed 19228121]).