

Recombinant Human DUSP6

Catalog No: #GP10400



Package Size: #GP10400-1 100ug

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Description

Product Name	Recombinant Human DUSP6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 206-381 amino acids of human dual specificity phosphatase 6
Target Name	dual specificity phosphatase 6
Other Names	MKP3, PYST1
Accession No.	Swissprot:Q16828Gene Accession:BC005047
Uniprot	Q16828
GenelD	1848;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK2, is expressed in a variety of tissues with the highest levels in heart and pancreas, and unlike most other members of this family, is localized in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene.?

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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