

Recombinant Human DUSP12

Catalog No: #GP10401



Package Size: #GP10401-1 100ug

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Description

Product Name	Recombinant Human DUSP12
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	dual specificity phosphatase 12
Other Names	YVH1, DUSP1
Accession No.	Swissprot:Q9UNI6Gene Accession:BC006286
Uniprot	Q9UNI6
GeneID	11266;
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 is 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 is the human ortholog of the *Saccharomyces cerevisiae* YVH1 protein tyrosine phosphatase. It is localized predominantly in the nucleus, and is novel in that it contains, and is regulated by a zinc finger domain.

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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