

Recombinant Human DUSP10

Catalog No: #GP10403



Package Size: #GP10403-1 100ug

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Description

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|-----------------------|---|
| Product Name | Recombinant Human DUSP10 |
| Brief Description | Recombinant Protein |
| Immunogen Description | Fusion protein corresponding to C terminal 200 amino acids of human dual specificity phosphatase 10 |
| Target Name | dual specificity phosphatase 10 |
| Other Names | MKP5; MKP-5 |
| Accession No. | Swissprot:Q9Y6W6Gene Accession:BC031405 |
| Uniprot | Q9Y6W6 |
| GeneID | 11221; |
| Storage | -20~-80°C, pH 7.6 PBS |

Background

Dual specificity protein phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the MAPK superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of this family of dual specificity phosphatases show distinct substrate specificities for MAPKs, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product binds to and inactivates p38 and SAPK/JNK, but not MAPK/ERK. Its subcellular localization is unique; it is evenly distributed in both the cytoplasm and the nucleus.?

References

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

Note: This product is for in vitro research use only