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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DUSP4 (Human) Recombinant Protein (P01)

Catalog Number: H00001846-P01

Regulation Status: For research use only (RUO)

Product Description: Human DUSP4 full-length ORF (AAH02671, 1 a.a. - 394 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVTMEELREMDCSVLKRLMNRDENGSGGAGGSGSHG
TLGLPSGGKCLLLDCRPFLAHSAGYILGSVNVRCNTIV
RRRAKGSVSLEQILPAEEVVRARLRSLYSAVIVYDER
SPRAESLREDSTVSLVQALRRNAERTDICLLKGGYER
FSSEYPEFCSTKALAAIPPPVPPSATEPLDLGCSSCG
TPLHDQGGPVEILPFLYLGSAYHAARRDMLDALGITAL
LNVSSDCPNHFEGHYQKICIPVEDNHKADISSWFMEA
IEYIDAVKDCRGRVLVHCQAGISRSATICLAYLMMKKR
VRLEEAFAFEVKQRRSIISPNFSFMGQLLQFESQVLATS
CAAEAASPSGPLRERKTPATPTSQFVFSFPVSVGVH
SAPSSLPYLHSPITTSpsc

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 69.08

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1846

Gene Symbol: DUSP4

Gene Alias: HVH2, MKP-2, MKP2, TYP

Gene Summary: 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 ERK1, ERK2 and JNK, is expressed in a variety of tissues, and is localized in the nucleus. Two alternatively spliced transcript variants, encoding distinct isoforms, have been observed for this gene. In addition, multiple polyadenylation sites have been reported. [provided by RefSeq]