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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DUSP6 (Human) Recombinant Protein (P01)

Catalog Number: H00001848-P01

Regulation Status: For research use only (RUO)

Product Description: Human DUSP6 full-length ORF (AAH03143, 1 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MIDTLRPVFPASEMAISKTVAWLNEQLELGNERLLMD
CRPQELYESSHIESAINVAIPGIMLRRLQKGNLPVRA
LFTRGEDRDRFTRRCGTDTVVLYDESSSDWNENTGGES
LLGLLLKLLKDEGCRAFYLEGGFSKFQAEFSLHCETNL
DGSCSSSPPLPVLGLGGLRISSDSSSDIESDLDRDPN
SATDSDGSPLSNSQPSFPVEILPFLYLGCARDSTNLDV
LEEFGIKYLNVTPNLPNLFENAGEFKYKQIPISDHW
SQNLSQFFPEAISFIDEARGKNCGLVHCLAGISRSV
TVTVAYLMQKLNLSMNDAYDIVMKKSNISPNFNF
MGQLLD FERTLGLSSPCDNRVPAQQLYFTT
PSNQNVYQVDSLQST

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 67.65

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: 1848

Gene Symbol: DUSP6

Gene Alias: MKP3, PYST1

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 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. [provided by RefSeq]