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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DUSP13 (Human) Recombinant Protein (P01)

Catalog Number: H00051207-P01

Regulation Status: For research use only (RUO)

Product Description: Human DUSP13 full-length ORF (AAH09778, 1 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MDSLQKQDLRRPKIHGAVQASPYQPPTLASLQRLLWV
RQAATLNHIDEVWPSLFLGDAYAARDKSKLIQLGITHV
VNAAAGKFQVDTGAKFYRGMSLEYYGIEADDNPFFDL
SVYFLPVARYIRAALSVPQGRVLVHCAMGVSRSATLVL
AFLMIYENMTLVEAIQTVQAHRNICPNSGFLRQLQVLD
NRLGRETGRF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.52

Interspecies Antigen Sequence: Mouse (88)

Applications: AP, Array, ELISA, PA, 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: 51207

Gene Symbol: DUSP13

Gene Alias: BEDP, DUSP13A, DUSP13B, FLJ32450, MDSP, SKRP4, TMDP

Gene Summary: Members of the protein-tyrosine phosphatase superfamily cooperate with protein kinases to regulate cell proliferation and differentiation. This superfamily is separated into two families based on the substrate that is dephosphorylated. One family, the dual specificity phosphatases (DSPs) acts on both phosphotyrosine and phosphoserine/threonine residues. This gene encodes different but related DSP proteins through the use of non-overlapping open reading frames, alternate splicing, and presumed different transcription promoters. Expression of the distinct proteins from this gene has been found to be tissue specific and the proteins may be involved in postnatal development of specific tissues. A protein encoded by the upstream ORF was found in skeletal muscle, whereas the encoded protein from the downstream ORF was found only in testis. In mouse, a similar pattern of expression was found. Multiple alternatively spliced transcript variants were described, but the full-length sequence of only some were determined. [provided by RefSeq]