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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MAP2K7 (Human) Recombinant Protein (P01)

Catalog Number: H00005609-P01

Regulation Status: For research use only (RUO)

Product Description: Human MAP2K7 full-length ORF (AAH38295.1, 1 a.a. - 426 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAASSLEQKLSRLEAKLKQENREARRRIDLNLDISPQR
PRPTLQLPLANDGGSRSPESSPQHPTPPARPRHML
GLPSTLFTPRSMESIEIDQKLQEIMKQTGYLTIGGQRY
QAEINDLENLGEMSGTCGQVWKMFRKTGHVIAVK
QMRRSGNKEENKRILMDLDVVLKSHDCPYIVQCFGTFI
TNTDVFIAMELMGTCAEKLKRMQGPPIPERILGKMTVA
IVKALYYLKEKHGVIHRDVKPSNILLDERGQIKLCDFGIS
GRLVDSKAKTRSAGCAAYMAPERIDPPDPTKPDYDIR
ADVWSLGISLPCSPSQVELATGQFPYKNCKTDFEVL
TKVLQEEPPLLPGHMGFSGDFQSFVKDCLTKDHRKRP
KYNKLEHSFIKRYETLEVDVASWFKDVMAKTESPRTS
GVLSQPHLPFFR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.6

Interspecies Antigen Sequence: Mouse (93); Rat (97)

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: 5609

Gene Symbol: MAP2K7

Gene Alias: Jnkk2, MAPKK7, MKK7, PRKMK7

Gene Summary: The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinases including MAP3K1/MEKK1, MAP3K2/MEKK2, MAP3K3/MEKK5, and MAP4K2/GCK. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stresses. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found, but only one transcript variant has been supported and defined. [provided by RefSeq]