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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MAFK (Human) Recombinant Protein (P01)

Catalog Number: H00007975-P01

Regulation Status: For research use only (RUO)

Product Description: Human MAFK full-length ORF (BAG52549.1, 1 a.a. - 156 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MTTNPKPNKALKVKKEAGENAPVLSDDDELVSMSVREL
NQHLRGLTKEEVTRLKQRRRTLKNRGYAASCRIKRVT
QKEELERQRVELQQEVEKLARENSSMRLELDALRSKY
EALQTFARTVARGPVAPSKVATTSVITIVKSTELSSTSV
PFSAAS

Theoretical MW (kDa): 43.9

Interspecies Antigen Sequence: Mouse (98); 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: 7975

Gene Symbol: MAFK

Gene Alias: FLJ32205, MGC71717, NFE2U, P18

Gene Summary: The developmentally regulated expression of the globin genes depends on upstream regulatory elements termed locus control regions

(LCRs). LCRs are associated with powerful enhancer activity that is mediated by the transcription factor NFE2 (nuclear factor erythroid-2). NFE2 recognition sites are also present in the gene promoters of 2 heme biosynthetic enzymes, porphobilinogen deaminase (PBGD; MIM 609806) and ferrochelatase (FECH; MIM 612386). NFE2 DNA-binding activity consists of a heterodimer containing an 18-kD Maf protein (MafF, MafG (MIM 602020), or MafK) and p45 (MIM 601490). Both subunits are members of the activator protein-1 superfamily of basic leucine zipper (bZIP) proteins (see MIM 165160). Maf homodimers suppress transcription at NFE2 sites.[supplied by OMIM]