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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATF4 (Human) Recombinant Protein (Q01)

Catalog Number: H00000468-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ATF4 partial ORF (NP_001666.2, 171 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

SSTPDHSFSLELGSEVDITEGDRKPDYTAYVAMIPQCI
KEEDTPSDNDSGICMSPESYLGSPQHSPSTRGSPNRS
LPSPGVLCGSARPKPYDPPGKEMVA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

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: 468

Gene Symbol: ATF4

Gene Alias: CREB-2, CREB2, TAXREB67, TXREB

Gene Summary: This gene encodes a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encoded protein was also isolated and

characterized as the cAMP-response element binding protein 2 (CREB-2). The protein encoded by this gene belongs to a family of DNA-binding proteins that includes the AP-1 family of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain. Two alternative transcripts encoding the same protein have been described. Two pseudogenes are located on the X chromosome at q28 in a region containing a large inverted duplication. [provided by RefSeq]