

Product Datasheet

Recombinant Human ATF4 Protein **H00000468-P01-2ug**

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00000468-P01-2ug

Recombinant Human ATF4 Protein

Product Information

Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0.

Product Description

Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-351 fo Human ATF4. Source: Wheat Germ Amino Acid Sequence: MTEMSFLSSEVLVGDLMSPFDPGGLGAESLGLLDDYLEVAKHFKPHGFSSDK AKAGSSEWLAVDGLVSPSNNSKEDAFSGTDWMLEKMDLKEFDLDALLGIDDLE TMPDDLLTLLDDTCDFAPLVQETNKQPPQTVNPIGHLPESLTKPDQVAPFTFL QPPPLSPGVLSSTPDHSFSLELGSEVDITEGDRKPDYTAYVAMIPQCIKEEDTP SDNDSGICMSPESYLGSPQHSPSTRGSPNRSLPSPGVLCGSARPKPYDPPGE KMVAAKVKGEKLDKKLKKMEQNKTAA TRYRQKKRAEQEALTGECKELEKKNE ALKERADSLAKEIQYLKDLIEEVRKARGKKRVP
Gene ID	468
Gene Symbol	ATF4
Species	Human
Reactivity Notes	Human
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification

Publications

Zhang N, Khachigian LM. Injury-induced platelet-derived growth factor receptor-alpha expression mediated by interleukin-1beta (IL-1beta) release and cooperative transactivation by NF-kappaB and ATF-4: IL-1beta facilitates HDAC-1/2 dissociation from promoter. *J Biol Chem.* 2009-10-09 [PMID: 19648113]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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