ATF3 (Human) Cell-Based ELISA Kit

Catalog # KA2541 Size 1 Kit

Specification

Product Description	ATF3 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of ATF3 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — ATF3

Entrez GeneID	467
Protein Accession#	P18847
Gene Name	ATF3
Gene Alias	-
Gene Description	activating transcription factor 3

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Omim ID	603148
Gene Ontology	Hyperlink
Gene Summary	Activating transcription factor 3 is a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. Multiple transcript variants encoding two different isoforms have been found for this gene. The longer isoform represses rather than activates transcription from promoters with ATF binding elements. The shorter isoform (deltaZip2) lacks the leucine zipper protein-dimerization motif and does not bind to DNA, and it stimulates transcription presumably by sequestering inhibitory co-factors away from the promoter. It is possible that alternative splicing of the ATF3 gene may be physiologically important in the regulation of target genes. [provided by RefSeq
Other Designations	ATF3deltaZip2|ATF3deltaZip2c|ATF3deltaZip3|OTTHUMP00000034887|OTTHUMP00000034890

Disease

- Cardiovascular Diseases
- Cryptorchidism
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypospadias
- Kidney Failure

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