

# Product Datasheet

## ATF4 Overexpression Lysate

### NBL1-07790

Unit Size: 0.1 mg

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

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**NBL1-07790**

## ATF4 Overexpression Lysate

Product Information	
Unit Size	0.1 mg
Concentration	The exact concentration of the protein of interest cannot be determined for overexpression lysates. Please contact technical support for more information.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Buffer	RIPA buffer
Product Description	
Gene ID	468
Gene Symbol	ATF4
Specificity/Sensitivity	Homo sapiens activating transcription factor 4 (tax-responsive enhancer element B67) (ATF4), transcript variant 1, mRNA.
Immunogen	The lysate was created in HEK293T cells, using plasmid ID RC222709 and based on accession number NM_001675. The protein contains a C-terminal DDK tag.
Notes	HEK293T cells in 10-cm dishes were transiently transfected with a non-lipid polymer transfection reagent specially designed and manufactured for large volume DNA transfection. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4, and then centrifuged to clarify the lysate. Protein concentration was measured by BCA protein assay kit. This product is manufactured by and sold under license from OriGene Technologies and its use is limited solely for research purposes.
Lysate Type	Overexpression
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	This product is intended for use as a positive control in Western Blot.  You will receive 1 vial of lysate (100ug), 1 vial of empty vector negative control (100ug), and 1 vial of 2xSDS sample buffer (250ul).



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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