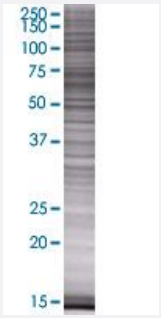
NFIL3 293T Cell Transient Overexpression Lysate(Denatured)

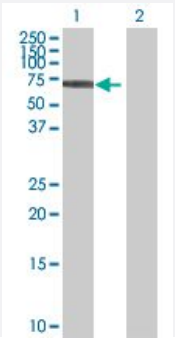
Catalog # H00004783-T01 Size 100 uL

Applications



SDS-PAGE Gel

NFIL3 transfected lysate.



Western Blot

Lane 1: NFIL3 transfected lysate (50.93 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NFIL3 full-length
Host	Human
Theoretical MW (kDa)	50.93
Interspecies Antigen Sequence	Mouse (85); Rat (84)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-NFIL3 antibody (H00004783-B01) by Western Blots. SDS-PAGE Gel NFIL3 transfected lysate. Western Blot Lane 1: NFIL3 transfected lysate (50.93 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NFIL3

Entrez GeneID	4783
GeneBank Accession#	NM_005384.2
Protein Accession#	NP_005375.2
Gene Name	NFIL3
Gene Alias	E4BP4, IL3BP1, NF-IL3A, NFIL3A
Gene Description	nuclear factor, interleukin 3 regulated
Omim ID	605327
Gene Ontology	Hyperlink
Gene Summary	Expression of interleukin-3 (IL3; MIM 147740) is restricted to activated T cells, natural killer (NK) cells, and mast cell lines. Transcription initiation depends on the activating capacity of specific protein factors, such as NFIL3, that bind to regulatory regions of the gene, usually upstream of the transcription start site (Zhang et al., 1995 [PubMed 7565758]).[supplied by OMIM
Other Designations	OTTHUMP00000021633|interleukin-3 promoter transcriptional activator

Disease

- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Bipolar Disorder
- Depressive Disorder
- Genetic Predisposition to Disease
- Mood Disorders
- NARP
- Psychiatric Status Rating Scales
- Psychotic Disorders
- Schizophrenia
- Sleep Disorders
- Tobacco Use Disorder