

## Product datasheet for **TP761191**

### **NFIL3 (NM\_005384) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human nuclear factor, interleukin 3 regulated (NFIL3), full length, with N-terminal HIS tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length NFIL3
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	51.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005375</a>
<b>Locus ID:</b>	4783
<b>UniProt ID:</b>	<a href="#">Q16649</a> , <a href="#">A0A024R241</a>
<b>RefSeq Size:</b>	2104
<b>Cytogenetics:</b>	9q22.31
<b>RefSeq ORF:</b>	1386
<b>Synonyms:</b>	E4BP4; IL3BP1; NF-IL3A; NFIL3A



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**Summary:**

The protein encoded by this gene is a transcriptional regulator that binds as a homodimer to activating transcription factor (ATF) sites in many cellular and viral promoters. The encoded protein represses PER1 and PER2 expression and therefore plays a role in the regulation of circadian rhythm. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2014]

**Protein Families:**

Transcription Factors

**Product images:**