

## Product datasheet for **TP300881**

### AKIRIN2 (NM\_018064) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human akirin 2 (AKIRIN2), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC200881 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MACGATLKRTLDFDPLLSPASPKRRRCAPLSAPTSAAASPLSAAAATAASFSAASASPQKYLRMEPSFPG  
 DVSSRLTTEQILYNIKQEYKRMQKRRHLETSFQQTDPCCSDAQPHAFLLSGPASPGTSSAASSPLKKEQ  
 PLFTLRQVGMICERLLKEREKVVREEYEEILNTKLAEQYDAFVKFTHDQIMRRYGEQPASYVS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

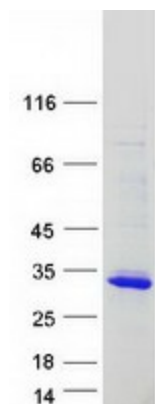
**Tag:** C-Myc/DDK  
**Predicted MW:** 22.3 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_060534](#)  
**Locus ID:** 55122  
**UniProt ID:** [Q53H80](#)  
**RefSeq Size:** 1948



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Cytogenetics:	6q15
RefSeq ORF:	609
Synonyms:	C6orf166; dj486L4.2; FBI1
Summary:	Required for the innate immune response. Downstream effector of the Toll-like receptor (TLR), TNF and IL-1 beta signaling pathways leading to the production of IL-6. Forms a complex with YWHAB that acts to repress transcription of DUSP1 (By similarity). [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified AKIRIN2 protein (Cat# TP300881). The protein was produced from HEK293T cells transfected with AKIRIN2 cDNA clone (Cat# [RC200881]) using MegaTran 2.0 (Cat# [TT210002]).