

## Product datasheet for **TP509619**

### Jak1 (BC031297) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse Janus kinase 1 (cDNA clone MGC:37919 IMAGE:5102798), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR209619 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MNHLKKQILRTDNISFVLKRCCQPKPREISNLLVATKKAQEWQPVYSMSQLSFDRILKKDIIQGEHLGRG  
TRTHIYSGTLLDYKDEEGIAEEKIKVILKVLDPSHRDISLAFFEAASMMRQVSHKHIVYLYGVCVRDVE  
NIMVEEFVEGGPLDLFMHRKSDALTTPWKFKVAKQLASALSYLEDKDLVHGNVCTKNLLLAREGIDSDIG  
PFIKLSDPGIPVSVLTRQECIERIPWIAPECVEDSKNLSVAADKWSFGTTLWEICYNGEIPLKDKTLIEK  
ERFYESRCRPVTPSCKELADLMTRCMNYDPNQRPFRAIMRDINKLEEQNPDIIVSEKQPTTEVDPTHFEK  
RFLKRIRDLGEGHFGKVELCRYDPEGDNTGEQVAVKSLKPESGGNHIADLKEIEILRNLYHENIVKYKG  
ICMEDGGNGIKLIMEFLPSGSLKEYLPKNKKNINLKQQLKYAIQICKGMDYLGSRYVHRDLAARNVLVE  
SEHQVKIGDFGLTKAIETDKEYYTVKDDRDSPVFWYAPECLIQCKFYIASDVWSFGVTLHELLTYCDSDF  
SPMALFLKMIGPTHGQMTVTRLVNTLKEGKRLPCPPNCPDEVYQLMRKCWEFQPSNRTTFQNLIEGFREAL  
LK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 72.7 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

**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 after receiving vials.



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<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>Locus ID:</b>	16451
<b>RefSeq Size:</b>	2365
<b>Cytogenetics:</b>	4 46.19 cM
<b>RefSeq ORF:</b>	1896
<b>Synonyms:</b>	MGC37919, C130039L05Rik