

## Product datasheet for **TP316958**

### JUND (NM\_005354) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human jun D proto-oncogene (JUND), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC216958 representing NM\_005354  
**Red**=Cloning site **Green**=Tags(s)

METPFYGDEALSGLGGGASGSGGSFASPGRLFPGAPPTAAAGSMMKDALTLSEQVAAALKPAAAPPP  
TPLRADGAPSAAPPDGLLSPDLGLLKLASPELERLIQSNGLVTTTPTSSQFLYPKVAASEEQEFAEGF  
VKALEDLHKQNQLGAGAAAAAAAAAAGGPGSGTATGSAPPGELAPAAAPEAPVYANLSSYAGGAGGAGGA  
ATVAFAAEPVPFPPPPPGALGPPRLAALKDEPQTPDVPSPFGESPLSPIDMDTQERIKAERKRLRNRI  
AASKCRKRKLERISRLEEKVKTLKSQNTELASTASLLREQVAQLKQKVLSHVNSGCQLLPQHQPAY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK  
**Predicted MW:** 35 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\\_005345](#)  
**Locus ID:** 3727



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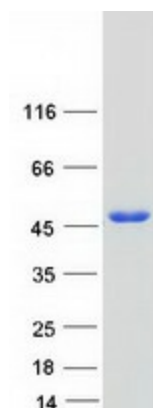
UniProt ID: [P17535](#)  
RefSeq Size: 1891  
Cytogenetics: 19p13.11  
RefSeq ORF: 1041  
Synonyms: AP-1

**Summary:** The protein encoded by this intronless gene is a member of the JUN family, and a functional component of the AP1 transcription factor complex. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms (PMID:12105216). [provided by RefSeq, Nov 2013]

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** MAPK signaling pathway

### Product images:



Coomassie blue staining of purified JUND protein (Cat# TP316958). The protein was produced from HEK293T cells transfected with JUND cDNA clone (Cat# [RC216958]) using MegaTran 2.0 (Cat# [TT210002]).