

Product datasheet for PH316958

JUND (NM_005354) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	JUND MS Standard C13 and N15-labeled recombinant protein (NP_005345)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216958
Predicted MW:	35 kDa
Protein Sequence:	>RC216958 representing NM_005354 Red=Cloning site Green=Tags(s) METPFYGDDEALSGLGGGASGSGGSFASPGRLFPGAPPTAAAGSMMKKDALTLSEQVAAALKPAAAPP TPLRADGAPSAAPPDGLLASPDLGLLKLASPELERLI IQSNGLVTTTTPTSSQFL YPKVAASEEQEFAEGF VKALEDLHKQNQLGAGAAAAAAAAAAGGPGSGTATGSAPPGELAPAAAAPEAPVYANLSSYAGGAGGAGGA ATVAFAAEPVFPFPPPPPGALGPPRLAALKDEPQTVPDVPSFGESPLSPIDMDTQERIKAEKRLRNRI AASKCRKRKLERISRLEEKVKTLKSNTELASTASLLREQVAQLKQKVL SHVNSGCQLLPQHQPAY TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005345</u>
RefSeq Size:	1891
RefSeq ORF:	1041
Synonyms:	AP-1
Locus ID:	3727



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UniProt ID: [P17535](#)

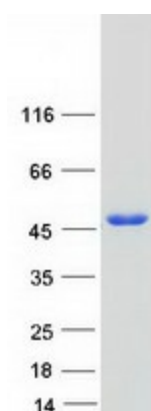
Cytogenetics: 19p13.11

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]).