

## Product datasheet for **TP31118M**

### **DNAJC1 (NM\_022365) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human Dnaj (Hsp40) homolog, subfamily C, member 1 (DNAJC1), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC211118 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTAPCSQPAQLPGRRLGLVPFPPPPRTPLLWLLLLLAAVAPARGWESGDLELFDLVEEVQLNIFYQFL  
GVQQDASSADIRKAYRKLSTLHPDKNKDENAETQFRQLVAIYEVKDDERRQRYDDILINGLPDWRQPV  
FYYRRVRKMSNAELALLFIILTVGHYAVVWSIYLEKQLDELLSRKKREKKKKTGSKSVDVSKLGASEKN  
ERLLMKPQWHDLLPCKLGIWFCLTLKALPHLIQDAGQFYAKYKETRLKEKEDALTRTELETQKQKKVKK  
PKPEFPVYTPLETTYIQSYDHGTSIEEIEEQMDDWLENRNRTQKKQAPEWTEEDLSQLTRSMVKFPGGTP  
GRWEKIAHELGRSVTDVTTKAKQLKDSVTCSPGMVRLSELKSTVQNSRPIKTATLPDDMITQREDAEGV  
AEEEEQEGDSGEQETGATDARPRRRKPARLLEATAKPEPEEKSRAKRQKDFDIAEQNESSDEESLRKERA  
RSAEEPWTQNQQKLELALQYPRGSSDRWDKIARCVPSKSKEDCIARYKLLVELVQKKKQAKS

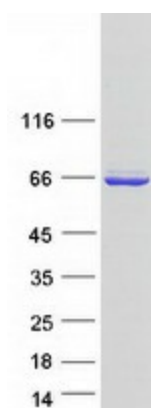
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	63.7 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>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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.



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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>RefSeq:</b>	<a href="#">NP_071760</a>
<b>Locus ID:</b>	64215
<b>UniProt ID:</b>	<a href="#">Q96KC8</a>
<b>RefSeq Size:</b>	2213
<b>Cytogenetics:</b>	10p12.31
<b>RefSeq ORF:</b>	1662
<b>Synonyms:</b>	DNAJL1; ERdj1; HTJ1; MTJ1
<b>Summary:</b>	The membrane protein encoded by this gene is a DNAJ-like heat shock protein that binds the molecular chaperone BiP. In addition, the encoded protein contains two SANT domains that have been shown to bind serpin alpha1-antichymotrypsin and inter-alpha trypsin inhibitor heavy chain 4. [provided by RefSeq, Jul 2016]
<b>Protein Families:</b>	Transcription Factors, Transmembrane

**Product images:**

Coomassie blue staining of purified DNAJC1 protein (Cat# [TP311118]). The protein was produced from HEK293T cells transfected with DNAJC1 cDNA clone (Cat# [RC211118]) using MegaTran 2.0 (Cat# [TT210002]).