

## Product datasheet for **TP301762**

### Hsp40 (DNAJB1) (NM\_006145) Human Recombinant Protein

#### Product data:

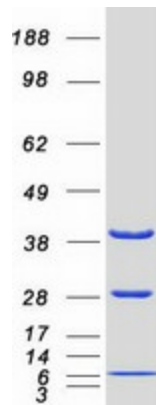
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DnaJ (Hsp40) homolog, subfamily B, member 1 (DNAJB1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201762 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGKDYYQTLGLARGASDEEIKRAYRRQALRYHPDKNKEPGAEEKFKEIAEAYDVLSDPRKREIFDRYGEE GLKGSGPSGGSGGGANGTSFSYTFHGDPHAMFAEFFGGRNPFDTFFGQRNGEEGMDIDDPFSGFPMGM GG FTNVNFGSRSAQEPARKKQDPPVTHDLRVSLLEIYSGCTKKMKISHKRLNPDGKSIRNEDKILTIEVKK GWKEGTKITFPKEGDQTSNNIPADIVFLKDKPHNIFKRDSGSDVIYPARISLREALCGCTVNVPTLDGRT IPVVFKDVIRPGMRRKVPGEGLPLPKTPEKRGDLIEFEVIFPERIPQTSRTVLEQVLPI  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	37.9 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:	<u><a href="#">NP_006136</a></u>



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Locus ID:	3337
UniProt ID:	<a href="#">P25685</a>
RefSeq Size:	2419
Cytogenetics:	19p13.12
RefSeq ORF:	1020
Synonyms:	Hdj1; Hsp40; HSPF1; RSPH16B; Sis1
Summary:	This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

## Product images:



Coomassie blue staining of purified DNAJB1 protein (Cat# TP301762). The protein was produced from HEK293T cells transfected with DNAJB1 cDNA clone (Cat# [RC201762]) using MegaTran 2.0 (Cat# [TT210002]).