

Product datasheet for **TP308826M**

CSP (DNAJC5) (NM_025219) Human Recombinant Protein

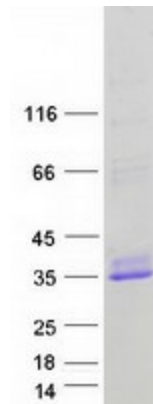
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Dnaj (Hsp40) homolog, subfamily C, member 5 (DNAJC5), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208826 representing NM_025219 Red =Cloning site Green =Tags(s)
	 MADQRQRSLSTSGESLYHVLGLDKNATSDDIKKSyrKLALKYHPDKNPDPNPEAADKFKEINNAHAILTDA TKRNIYDKYGSGLGLYVAEQFGEENVNTYFVLSSWWAKALFVFCGLLTCCYCCCCLCCCFNCCCCKKPKPA PEGEETEFYVSPEDLEAQLQSDEREATDTPIVIQPASATETTQLTADSHPSYHTDGFN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	22 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_079495
Locus ID:	80331
UniProt ID:	Q9H3Z4 , Q6AHX3



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RefSeq Size:	3286
Cytogenetics:	20q13.33
RefSeq ORF:	594
Synonyms:	CLN4; CLN4B; CSP; DNAJC5A; mir-941-2; mir-941-3; mir-941-4; mir-941-5; NCL
Summary:	This gene is a member of the J protein family. J proteins function in many cellular processes by regulating the ATPase activity of 70 kDa heat shock proteins. The encoded protein plays a role in membrane trafficking and protein folding, and has been shown to have anti-neurodegenerative properties. The encoded protein is known to play a role in cystic fibrosis and Huntington's disease. A pseudogene of this gene is located on the short arm of chromosome 8. [provided by RefSeq, Nov 2010]
Protein Families:	Transmembrane

Product images:

Coomassie blue staining of purified DNAJC5 protein (Cat# [TP308826]). The protein was produced from HEK293T cells transfected with DNAJC5 cDNA clone (Cat# [RC208826]) using MegaTran 2.0 (Cat# [TT210002]).