

Recombinant Human DNAJC5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJC5-3653H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAJC5 MS Standard C13 and N15-labeled recombinant protein (NP_079495) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	22 kDa
AA Sequence	MADQRQRSLSTSGESLYHVLGLDKNATSDDIKKSYRKLALKYHPDKNPDNPEAADK FKEINNAHAILTDATKRNIYDKYGSGLGYVAEQFGEENVNTYFVLSSWWAKALFVFC GLLTCCYCCCCLCCCFNCCCGKCKPKAPEGEETEFYVSPEDLEAQLQSDEREATDT PIVIQPASATETTQLTADSHPSYHTDGFNTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	DNAJC5 DnaJ heat shock protein family (Hsp40) member C5 [Homo sapiens (human)]
Official Symbol	DNAJC5
Synonyms	DNAJC5; DnaJ (Hsp40) homolog, subfamily C, member 5; ceroid lipofuscinosis, neuronal 4 (Kufs disease), CLN4; dnaJ homolog subfamily C member 5; DNAJC5A; FLJ00118; FLJ13070; cysteine string protein alpha; CSP; NCL; CLN4; CLN4B; DKFZp434N1429; DKFZp761N1221;
Gene ID	80331
mRNA Refseq	NM_025219
Protein Refseq	NP_079495
MIM	611203
UniProt ID	Q9H3Z4

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SDS-PAGE

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