Recombinant Human DNAJC5 Protein, GST-tagged

Cat. No. DNAJC5-2763H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJC5 full-length ORF (NP_079495.1, 1 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Nov 2010]
Molecular Mass	48.5 kDa
AA Sequence	MADQRQRSLSTSGESLYHVLGLDKNATSDDIKKSYRKLALKYHPDKNPDNPEAADK FKEINNAHAILTDATKRNIYDKYGSLGLYVAEQFGEENVNTYFVLSSWWAKALFVFC GLLTCCYCCCCLCCCFNCCCGKCKPKAPEGEETEFYVSPEDLEAQLQSDEREATDT PIVIQPASATETTQLTADSHPSYHTDGFN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

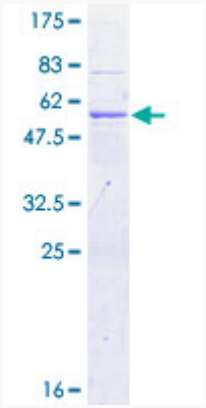
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DNAJC5 DnaJ (Hsp40) homolog, subfamily C, member 5 [Homo sapiens]
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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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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