

# Recombinant Human DNAJC5B Protein, GST-tagged

**Cat. No.** DNAJC5B-2764H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DNAJC5B full-length ORF ( NP_149096.2, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene encodes a member of the DNAJ heat shock protein 40 family of co-chaperone proteins that is characterized by an N-terminal DNAJ domain, a linker region, and a cysteine-rich C-terminal domain. The encoded protein, together with heat shock protein 70, is thought to regulate the proper folding of other proteins. The orthologous mouse protein is membrane-associated and is targeted to the trans-golgi network. [provided by RefSeq, Mar 2017] |
| <b>Molecular Mass</b>   | 48.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MACNIPNQRQRTLSTTGEALYEILGLHKGASNEEIKKTYRKLALKHHPDKNPDDPAA<br>TEKFKEINNAHAILTDISKRSIYDKYGSLGLYVAEQFGDENVNTYFMLSSWWAKALFV<br>IVGLLTGCYFCCCLCCCNCCCGHCRPESSVPEEDFYVSPEDLEEQIKSDMEKDVD<br>FPVFLQPTNANEKTQLIKEGSRSYCTDS                                                                                                                                                                                                                                              |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                               |

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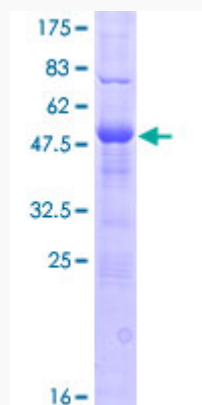
|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                              |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                              |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                       |
| <b>Gene Name</b>        | DNAJC5B DnaJ (Hsp40) homolog, subfamily C, member 5 beta [ Homo sapiens ]                                                                                                                                                             |
| <b>Official Symbol</b>  | DNAJC5B                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | DNAJC5B; DnaJ (Hsp40) homolog, subfamily C, member 5 beta; dnaJ homolog subfamily C member 5B; CSP beta; MGC26226; beta-CSP; beta cysteine string protein; cysteine string protein beta; dnaJ homolog subfamily C member X; CSP-beta; |
| <b>Gene ID</b>          | 85479                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_033105                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>   | NP_149096                                                                                                                                                                                                                             |
| <b>MIM</b>              | 613945                                                                                                                                                                                                                                |
| <b>UniProt ID</b>       | Q9UF47                                                                                                                                                                                                                                |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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