

# Recombinant Human DNAJB2 Protein, GST-tagged

**Cat. No.** DNAJB2-2736H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DNAJB2 full-length ORF ( NP_001034639.1, 1 a.a. - 277 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | This gene is almost exclusively expressed in the brain, mainly in the neuronal layers. It encodes a protein that shows sequence similarity to bacterial DnaJ protein and the yeast homologs. In bacteria, this protein is implicated in protein folding and protein complex dissociation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2011] |
| <b>Molecular Mass</b>   | 57 kDa                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MASYEILDVPRSASADDIKKAYRRKALQWHPDKNPDNKEFAEKKFKEVAEAYEVLS<br>DKHKREIYDRYGREGLTGTGTGPSRAEAGSGGPGFTFTFRSPEEVFREFFGSGDPF<br>AELFDDLGPFSELQNRGSRHSGPFFTFSSSFPGHSDFFSSSFSPGAGAFRSVST<br>STTFVQGRITRRIMENGQERVEVEEDGQLKSVTINGVPDDLALGLELSRREQQPS<br>VTSRSGGTQVQQTPASCPLDSDLSEDEDLQLAMAYSLSEMEAAGKKPADVF                                                                                                                                  |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                 |

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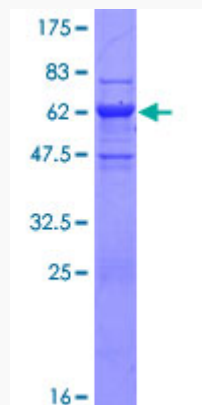
|                         |                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>        | DNAJB2 DnaJ (Hsp40) homolog, subfamily B, member 2 [ Homo sapiens ]                                                                                                                                                               |
| <b>Official Symbol</b>  | DNAJB2                                                                                                                                                                                                                            |
| <b>Synonyms</b>         | DNAJB2; DnaJ (Hsp40) homolog, subfamily B, member 2; HSJ1; dnaJ homolog subfamily B member 2; HSPF3; heat shock protein J1; dnaJ protein homolog 1; heat shock 40 kDa protein 3; heat shock protein, neuronal DNAJ-like 1; HSJ-1; |
| <b>Gene ID</b>          | 3300                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>      | NM_001039550                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_001034639                                                                                                                                                                                                                      |
| <b>MIM</b>              | 604139                                                                                                                                                                                                                            |
| <b>UniProt ID</b>       | P25686                                                                                                                                                                                                                            |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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