

# Recombinant Human Within Bgcn Homolog (Drosophila), His-tagged

**Cat. No.** WIBG-2771H    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant human WIBG protein, fused to His-tag at C-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 23.7kDa (212aa).                                                                                                                                                                                                                                      |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>              | WIBG has been identified as an interacting partner of Mago-Y14. The Mago-Y14 heterodimer is a core component of the EJC(exon junction complex) that is deposited on mRNAs as a consequence of splicing and influences postsplicing mRNA metabolism. This protein is a cytoplasmic RNA-binding protein that is excluded from the nucleus by Crm1. It interacts directly with Mago-Y14 by means of its N-terminal domain. |
| <b>Form</b>                     | Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                   | > 85% by SDS - PAGE.                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>            | 0.5 mg/ml (determined by Bradford assay).                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Sequences Of Amino Acids</b> | MEAAGSPAAT ETGKYIASTQ RPDGTWRKQR RVKEGYVPQE EVPVYENKYV KF<br>FKSKPELP PGLSPEATAP VTPSRPEGGE PGLSKTAKRNLKRKEKRRQQ QEK GE<br>AEALS RTLDKVSLEE TAQLPSAPQG SRAAPTAASD QPDSAATTEK AKKIKNLKKK                                                                                                                                                                                                                                 |

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LRQVEELQQR IQAGEVSQPS KEQLEKLARR RALEEELEDL ELGLLEHHHH HH.

**Storage**

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**GENE INFORMATION**
**Gene Name**

WIBG within bgcn homolog (Drosophila) [ Homo sapiens ]

**Synonyms**

within bgcn homolog (Drosophila); PYM; MGC13064; WIBG; 12q13.2; partner of Y14 and mago; protein wibg homolog; Protein wibg homolog

**Gene ID**

84305

**mRNA Refseq**

NM\_001143853

**Protein Refseq**

NP\_001137325

**UniProt ID**

Q9BRP8

**Chromosome  
Location**

12q13.2

**Function**

RNA binding; protein binding; ribosome binding

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