

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

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

SPECIFICATION

Product Overview	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).
Species	Human
Source	E.coli
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl.
Purity	> 85% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MEAAGSPAAT ETGKYIASTQ RPDGTWRKQR RVKEGYVPQE EVPVYENKYV KF FKSKPELP PGLSPEATAP VTPSRPEGGE PGLSKTAKRNLKRKEKRRQQ QEK GE 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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