

## 32-8055: Recombinant Human Partner of Y14 and Mago/WIBG /PYM (C-6His)

**Gene :** PYM1  
**Gene ID :** 84305  
**Uniprot ID :** Q9BRP8

### Description

Source: E.coli.  
MW :23.7kD.

Recombinant Human Partner of Y14 and Mago is produced by our E.coli expression system and the target gene encoding Met1-Leu204 is expressed with a 6His tag at the C-terminus. Partner of Y14 and Mago (WIBG) is a key regulator of the Exon Junction Complex (EJC). EJC is a multiprotein complex that associates immediately upstream of the exon-exon junction on mRNAs, is a positional landmark for the intron exon structure of genes, and directs post-transcriptional processes in the cytoplasm, for instance mRNA export, nonsense-mediated mRNA decay or translation. WIBG is a cytoplasmic RNA-binding protein, it can be excluded from nucleus by Crm1. WIBG as a cooperating partner of Mago-14, relates with Mago-14 by its N-terminal domain.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 10% Glycerol, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MEAAGSPAATETGKYIASTQRPDGTWRKQRRVKEGYVPQEEVPVYENKYVKFFKSKPELPPGLSPEATAPVTPS  
RPEGGEPGLSKTAKRNLKRKEKRRQQEKGEAEALSRTLDKVSLEETAQLPSAPQGSRAAPTAASDQPDSAAT  
TEKAKKIKNLKKKLRQVEELQQRIQAGEVSQPSKEQLEKLARRRALEEELEDLELGLLEHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.