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Datasheet for ABIN1097293

**PYM Protein (AA 1-204) (His tag)**

## Overview

Quantity:	50 µg
Target:	PYM (WIBG)
Protein Characteristics:	AA 1-204
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PYM protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Partner of Y14 and Mago/WIBG /PYM (C-6His)
Sequence:	MEAAGSPAAT ETGKYIASTQ RPDGTWRKQR RVKEGYVPQE EVPVYENKYV KFFKSKPELP PGLSPEATAP VTPSRPEGGE PGLSKTAKRN LKRKEKRRQQ QEKGEAEALS RTLDKVSLEE TAQLPSAPQG SRAAPTAASD QPDSAATTEK AKKIKNLKKK LRQVEELQQR IQAGEVSQPS KEQLEKLARR RALEEELEDL ELGLLEHHHH HH
Characteristics:	Recombinant Human Partner of Y14 and Mago/WIBG is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Leu204) of Human WIBG fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	PYM (WIBG)
Alternative Name:	WIBG ( <a href="#">WIBG Products</a> )
Sub Type:	Fusionprotein
Background:	<p>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.</p> <p>Alternative Names: Partner of Y14 and Mago, Protein Wibg Homolog, WIBG, PYM</p>
Molecular Weight:	23.7 kDa
UniProt:	<a href="#">Q9BRP8</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 10 % Glycerol, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at &lt; -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months