
Product Data Sheet

Product Name: WIBG Human
 Cat. No.: GP25014
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PYM; Partner of Y14 and mago; MGC13064; WIBG; BCGN Homolog; Protein wibg homolog.		
Amino Acid Sequence	MEAAGSPAAT ETGKYIASTQ RPDGTWRKQR RVKEGYVPQE EVPVYENKYV KFFKSKPELP PGLSPEATAP VTPSRPEGGE PGLSKTAKRN LKRKEKRRQQ QEKGEAEALS RTLDKVSLEE TAQLPSAPQG SRAAPTAASD QPDSAATTEK AKKIKNLKKK LRQVEELQQR IQAGEVSQPS KEQLEKLARR RALEEELEDL ELGLLEHHHH HH.		
Formulation	WIBG Human solution containing 20mM Tris pH-8, 0.1M NaCl & 10% glycerol.		

Introduction

WIBG is a cooperating partner of Mago-Y14. The Mago-Y14 heterodimer is a key protein of the EJC (exon junction complex) that is deposited on mRNAs as a consequence of splicing and influences postsplicing mRNA metabolism. WIBG is a cytoplasmic RNA-binding protein that is excluded from the nucleus by Crm1. WIBG relates directly with Mago-Y14 by means of its N-terminal domain.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

WIBG Recombinant Human produced in E. Coli is a single, non-glycosylated polypeptide chain containing 212 amino acids (1-204 a.a.) and having a molecular mass of 23.7 kDa. The WIBG is fused to 8 amino acid His-Tag at C-terminus and purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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