

WIBG Human

Description: 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 chromatographic techniques.

Catalog #:PRPS-871

For research use only.

Synonyms: PYM, Partner of Y14 and mago, MGC13064, WIBG, BCGN Homolog, Protein wibg homolog.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

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.

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:

WIBG Human solution containing 20mM Tris pH-8, 0.1M NaCl & 10% glycerol.

Stability:

WIBG Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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