
Product Data Sheet

Product Name: C20ORF20 Human
 Cat. No.: GP22937
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MRG-binding protein; MRGBP; C20orf20.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGEAEVGGGG AAGDKGPGEA ATSPAETTV WSPEVEVCLF HAMLGHKPVG VNRHFHMICI RDKFSQNIGR QVPSKVIWDH LSTMYDMQAL HESEILPPFN PERNFVLPEE IIQEVREGKV MIEEEMKEEM KEDVDPHNGA DDVFSSSGSL GKASEKSSKD KEKNSSDLGC KEGADKRKRS RVTDKVLTAN SNPSSPSAAK RRRT.		
Formulation	C20ORF20 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.2M NaCl.		

Introduction

MRG-binding protein (MRGBP or C20ORF20) is a 204 amino acid protein which is a part of the NuA4 histone acetyltransferase (HAT) complex that functions to acetylate histone H2A and H4. The HAT complex may be essential for the activation of transcriptional programs linked with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. C20ORF20 also has a potential to interact with MORF4L1/MRG15 and MORF4L2/MRGX.

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

C20ORF20 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 224 amino acids (1-204 a.a.) and having a molecular mass

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

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of 24.5kDa (Molecular weight on SDS-PAGE will appear higher).C20ORF20 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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