

## C20ORF20 Human

**Description:** 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 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.

**Catalog #:** PRPS-1007

For research use only.

**Synonyms:** MRG-binding protein, MRGBP, C20orf20.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear colorless solution.

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MGEAEVGGGG AAGDKGPGEA  
ATSPAEETVV WSPEVEVCLF HAMLGHKPVG VNRHFHMICI RDKFSQNIGR QVPSKVIWDH  
LSTMYDMQAL HESEILPFPN PERNFVLPEE IIQEVREGKV MIEEEMKEEM KEDVDPHNGA  
DDVFSSSGSL GKASEKSSKD KEKNSSDLGC KEGADKRKRS RVTDKVLTAN SNPSSPSAAK  
RRRT.

**Purity:** Greater than 85% as determined by SDS-PAGE.

**Formulation:**

C20ORF20 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.2M NaCl.

**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.

**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:**

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.

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