www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

C16ORF53 Human

Catalog #:PRPS-232

For research use only.

Description:C16ORF53 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 274 amino acids (1-254 a.a.) and having a molecular mass of 29.9kDa (Molecular weight on SDS-PAGE will appear higher).C16ORF53 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:PAXIP1-associated protein 1, PTIP-associated protein 1, PA1, C16orf53, GAS.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MSLARGHGDT AASTAAPLSE EGEVTSGLQA LAVEDTGGPS ASAGKAEDEG EGGREETERE GSGGEEAQGE VPSAGGEEPA EEDSEDWCVP CSDEEVELPA DGQPWMPPPS EIQRLYELLA AHGTLELQAE ILPRRPPTPE AQSEEERSDE EPEAKEEEEE KPHMPTEFDF DDEPVTPKDS LIDRRRTPGS SARSQKREAR LDKVLSDMKR HK

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

Formulation:
C16ORF53 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.

Stability:
C16ORF53 Human Recombinant although stable at 4°C for 1 week, should be stored 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:
C16ORF53 is a component of a Set1-like multiprotein histone methyltransferase complex. C16ORF53 interacts with PAXIP1/PTIP; this interaction is direct and is necessary for the association with the rest of the PTIP complex. The C16ORF53 protein has a crucial role in maintaining genome stability, condensation of chromatin and progression through mitosis.

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