

32-3365: C16ORF53 Recombinant Protein

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

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	C16ORF53 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.
Storage condition :	C16ORF53 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please revert freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSLARGHGD T AASTAAPLSE EGEVTSGLQA LAVEDTGGPS ASAGKAED EG GREETERE GSGGEEAQGE VPSAGGEEPA EEDSEDWCVP CSDEEVELPA DGQPWMPPPS EIQRLYELLA AHGTLELQAE ILPRRPPTPE AQSEEERSDE EPEAKEEEEE KPHMPTEFDF DDEPVTPKDS LIDRRRTPGS SARSQKREAR LDKVLSDMKR HKKLEEQILR TGRDLFSLDS EDPSPASPPL RSSGSSLFPR QRKY.

