32-4018: ING2 Recombinant Protein

Alternative Name : Inhibitor Of Growth Family Member 2,ING1L,Inhibitor Of Growth 1-Like Protein,P33ING2,ING1Lp,P32,Inhibitor Of Growth Family Member 1-Like,Inhibitor Of Growth Protein 2,ING2.

Description

Source : Escherichia Coli. ING2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 303 amino acids (1-280 a.a) and having a molecular mass of 35.2kDa.ING2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Inhibitor of Growth Family, Member 2 (ING2) belongs to the inhibitor of growth (ING) family. ING family members associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and serve in DNA repair and apoptosis. ING2 appears to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, most likely by enhancing acetylation of p53/TP53. ING2 is a component of an mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity is modulated by binding to phosphoinositides (PtdInsPs).

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	ING2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMLGQQQQ QLYSSAALLT GERSRLLTCY VQDYLECVES LPHDMQRNVS VLRELDNKYQ ETLKEIDDVY EKYKKEDDLN QKKRLQQLLQ RALINSQELG DEKIQIVTQM LELVENRARQ MELHSQCFQD PAESERASDK AKMDSSQPER SSRRPRRQRT SESRDLCHMA NGIEDCDDQP PKEKKSKSAK KKKRSKAKQE REASPVEFAI DPNEPTYCLC NQVSYGEMIG CDNEQCPIEW FHFSCVSLTY KPKGKWYCPK CRGDNEKTMD KSTEKTKKDR RSR.