

Recombinant Human inhibitor of growth family, member 2, His-tagged

Cat. No. ING2-308H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ING2, 1-280aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-280 a.a.
Description	The ING2 is a member of the inhibitor of growth (ING) family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and function in DNA repair and apoptosis. Recombinant human ING2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	35.2kDa (303aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLGQQQQ QLYSSAALLT GERSRLTTCY VQDYLECVES LPHDMQRNVS VLRELDNKYQ ETLKEIDVY EKYKKEDDLN QKKRLQQLLQ RALINSQELG DEKIQIVTQM LELVENRARQ MELHSQCFQD PAESERASDK AKMDSSQPER SSRRPRRQRT SESRDLCHMA NGIEDCDDQP PKEKKS KSAK KKKRSKAKQE REASPVEFAI DPNEPTYCLC NQVSYGEMIG CDNEQCPIEW FHFSCVSLTY KPKGKWCYCPK CRGDNEKTM D KSTEKTKKDR RSR

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Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	ING2 inhibitor of growth family, member 2 [Homo sapiens]
Official Symbol	ING2
Synonyms	ING2; inhibitor of growth family, member 2; ING1L, inhibitor of growth family, member 1 like; inhibitor of growth protein 2; p33ING2; p32; ING1Lp; inhibitor of growth 1-like protein; ING1L;
Gene ID	3622
mRNA Refseq	NM_001564
Protein Refseq	NP_001555
MIM	604215
UniProt ID	Q9H160
Chromosome Location	4q35.1
Pathway	Senescence and Autophagy, organism-specific biosystem;

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Function

DNA binding; chromatin binding; metal ion binding; methylated histone residue binding; phosphatidylinositol binding; protein binding; protein complex binding; zinc ion binding;

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