

Product datasheet for **AR51711PU-S**

ING1 (1-279, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ING1 (1-279, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMLSPANG EQLHLVNYVE DYLDSIESLP FDLQRNVSLM REIDAKYQEI LKELDECYER FSRETGDAQK RRMLHCVQRA LIRSQELGDE KIQIVSQMVE LVENRTRQVD SHVELFEAQQ ELGDTAGNSG KAGADRPKGE AAAQADKPNS KRSRRQRNNE NRENASSNHD HDDGASGTPK EKKAKTSKKK KRSKAKAERE ASPADLPIDP NEPTYCLCNQ VSYGEMIGCD NDECPIEWFH FSCVGLNHKP KGKWYCPKCR GENEKTMKA LEKSKKERAY NR
Tag:	His-tag
Predicted MW:	34.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ING1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001254657
Locus ID:	3621
UniProt ID:	Q9UK53
Cytogenetics:	13q34
Synonyms:	p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a



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Summary:

This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Transcription Factors

Product images: