

# **Product datasheet for AR51711PU-S**

## OriGene Technologies, Inc.

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# 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 FSRETDGAQK RRMLHCVQRA LIRSQELGDE KIQIVSQMVE

LVENRTRQVD SHVELFEAQQ ELGDTAGNSG KAGADRPKGE AAAQADKPNS KRSRRQRNNE NRENASSNHD HDDGASGTPK EKKAKTSKKK KRSKAKAERE ASPADLPIDP NEPTYCLCNQ VSYGEMIGCD NDECPIEWFH FSCVGLNHKP KGKWYCPKCR GENEKTMDKA 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:** <u>NP 001254657</u>

**Locus ID:** 3621

UniProt ID: Q9UK53

Cytogenetics: 13q34

**Synonyms:** p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a





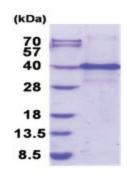
**Summary:** 

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:**



15% SDS-PAGE (3ug)