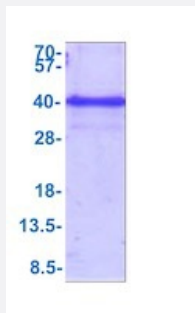


ING1 (Human) Recombinant Protein

Catalog # P7741 Size 500 ug

Applications



SDS-PAGE analysis of ING1 (Human) Recombinant Protein

Specification

Product Description	Human ING1 (NP_937862, 1 a.a. - 279 a.a) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMMLSPANGEQLHLVNYVEDYLDIESLPFDLQRNVSLMREID AKYQEILKELDECYERFSRETDGAQKRRMLHCVQRALIRSQELGDEKIQVSQMVELVENRTRQVD SHVELFEAQQELGDTAGNSGKAGADRPKGEAAAQADKPNKRSRQRNNENRENASSNHDHD DGASGTPKEKKAKTSKKKKRSKAKAEREASPADLPIDPNEPTYCLCNQVSYGEMIGCDNDECPI EWFHFSCVGLNHNKPKGKWYCPKCRGENEKTMDKALEKSKKERAYNR
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	34.3
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Concentration	1mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of ING1 (Human) Recombinant Protein

Recommend Usage

SDS-PAGE

Denatured

The optimal working dilution should be determined by the end user.

Storage Buffer

In 20 mM Tris-HCl buffer, pH 8.0 (10% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — ING1

Entrez GeneID

[3621](#)

Protein Accession#

[Q9UK53](#)

Gene Name

ING1

Gene Alias

p24ING1c, p33, p33ING1, p33ING1b, p47, p47ING1a

Gene Description

inhibitor of growth family, member 1

Omim ID

[275355 601566](#)

Gene Ontology

[Hyperlink](#)

Gene 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]

Other Designations

OTTHUMP00000018703|OTTHUMP00000018704|OTTHUMP00000018705|OTTHUMP00000018706|growth inhibitor ING1|growth inhibitory protein ING1|inhibitor of growth 1|tumor suppressor ING1

Disease

- [Alzheimer disease](#)
- [Colorectal Neoplasms](#)