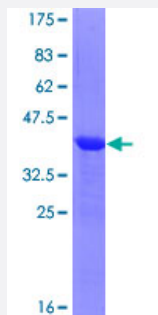


# ING1 (Human) Recombinant Protein (Q01)

Catalog # H00003621-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human ING1 partial ORF ( NP_937862.1, 41 a.a. - 140 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	DAKYQEILKELDECYERFSRET DGAQKRRMLHCVQRALIRSQELGDEKIQIVSQMVVELVENRTRQV DSHVELFEAQQELGDTAGNSGKAGADRPKGEEAA
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Interspecies Antigen Sequence</b>	Mouse (81); Rat (79)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — ING1

Entrez GeneID [3621](#)

GeneBank Accession# [NM\\_198219.1](#)

Protein Accession# [NP\\_937862.1](#)

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](#)