

## Product datasheet for TP317763

### ING1 (NM\_198219) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human inhibitor of growth family, member 1 (ING1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217763 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLSPANGEQLHLVNYVEDYLDIESLPFDLQRNVSLMREIDAKYQEILKELDECYERFSRETDGAQKRRM  
LHCVQRALIRSQELGDEKIQIVSQMVLENRTRQVDSHVELFEAQQELGDTAGNSGKAGADRPKGEEAA  
QADKPNSKRSRRQRNNENRENASSNHDHDDGASGTPKEKKAKTSKKKRSKAKAEREASPADLPIDPNEP  
TYCLCNQVSYGEMIGCDNDECPIEFHFHFCVGLNHKPKGKWYCPKCRGENEKTMDKALEKSKKERAYNR

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	31.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_937862</a></u>
Locus ID:	3621



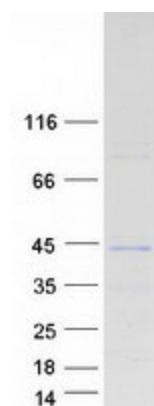
[View online »](#)

UniProt ID: [Q9UK53](#)  
RefSeq Size: 2887  
Cytogenetics: 13q34  
RefSeq ORF: 837  
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:



Coomassie blue staining of purified ING1 protein (Cat# TP317763). The protein was produced from HEK293T cells transfected with ING1 cDNA clone (Cat# [RC217763]) using MegaTran 2.0 (Cat# [TT210002]).