

## Product datasheet for **TP325191M**

### ING4 (NM\_001127586) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens inhibitor of growth family, member 4 (ING4), transcript variant 6, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225191 representing NM_001127586 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAAGMYLEHYLDSIENLPFELQRNFQLMRDLQRTEDLKAIEDKLATEYMSSARLSSEEKALLKQIQE AYGKCKEFGDDKVQLAMQTYEMVDKHIRRLDTDLARFEADLKEKQIESSDYDSSSSKGGKKKGRTOKEKKA ARARSKGKNSDEEAPKTAQKKLKLVRTVPLSGSILPVWG  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	20.3 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_001121058</a></u>
Locus ID:	51147
UniProt ID:	<u><a href="#">Q9UNL4</a></u>



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Cytogenetics: 12p13.31

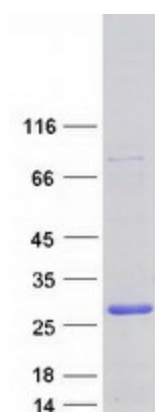
RefSeq ORF: 537

Synonyms: my036; p29ING4

**Summary:** This gene encodes a tumor suppressor protein that contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This protein can bind TP53 and EP300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in the TP53-dependent regulatory pathway. Multiple alternatively spliced transcript variants have been observed that encode distinct proteins. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified ING4 protein (Cat# [TP325191]). The protein was produced from HEK293T cells transfected with ING4 cDNA clone (Cat# [RC225191]) using MegaTran 2.0 (Cat# [TT210002]).