

Product datasheet for PH325191

ING4 (NM_001127586) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ING4 MS Standard C13 and N15-labeled recombinant protein (NP_001121058)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225191
Predicted MW:	20.3 kDa
Protein Sequence:	>RC225191 representing NM_001127586 Red=Cloning site Green=Tags(s) MAAGMYLEHYLDSIENLPFELQRNFQLMRDLQRTEDLKAEIDKLATEYMSSARSLSSSEKLALLKQIQE AYGKCKEFGDDKVLAMQTYEMVDKHIRRDLTDLARFEADLKEKQIESDDYDSSSSKGGKKKGRTQKEKKA ARARSKGKNSDEEAPKTAQKKLKLVRTVPLSGSILPVWG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001121058
RefSeq ORF:	537
Synonyms:	my036; p29ING4
Locus ID:	51147
UniProt ID:	Q9UNL4
Cytogenetics:	12p13.31



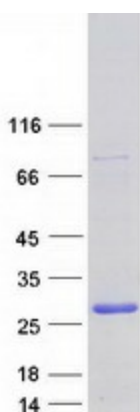
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Summary:

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]).