

Product datasheet for PH302827

ING4 (NM_016162) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ING4 MS Standard C13 and N15-labeled recombinant protein (NP_057246)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202827
Predicted MW:	28.5 kDa
Protein Sequence:	>RC202827 protein sequence Red=Cloning site Green=Tags(s) MAAGMYLEHYLDSIENLPFELQRNFQLMRDLQRTEDLKAEIDKLATEYMSSARSLSSSEKLALLKQIQE AYGKCKEFGDDKVLAMQTYEMVDKHIRRLDTDLARFEADLKEKQIESSDYDSSSSKGGKKGRTQKEKKA ARARSKGKNSDEEAPKTAQKLLKLVRTSPEYGMPSVTFGSVHPSDVLMPVDPNEPTYCLCHQVSYGEMI GCDNPDCSIEWFHFACVGLTTKPRGKWF CPRCSQERKKK 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_057246
RefSeq Size:	1458
RefSeq ORF:	747
Synonyms:	my036; p29ING4
Locus ID:	51147
UniProt ID:	Q9UNL4



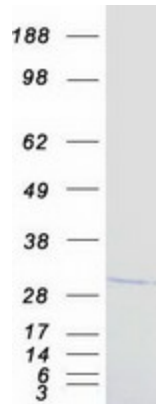
[View online »](#)

Cytogenetics: 12p13.31

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# [TP302827]). The protein was produced from HEK293T cells transfected with ING4 cDNA clone (Cat# [RC202827]) using MegaTran 2.0 (Cat# [TT210002]).