

Product datasheet for PH302478

ING2 (NM_001564) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ING2 MS Standard C13 and N15-labeled recombinant protein (NP_001555)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202478
Predicted MW:	32.8 kDa
Protein Sequence:	>RC202478 protein sequence Red=Cloning site Green=Tags(s) MLGQQQQLYSSAALLTGERSRLLCYVQDYLECVELPHDMQRNVSVLRELDNKYQETLKEIDDVYEKY KKEDDLNQQKRLQQLLRALINSQELGDEKIQIVTQMLELVENRARQMELHSQCFQDPAESERASDKAKM DSSQPERSSRRPRRQRTSESRDLCHMANGIEDCDDQPPKEKSKSAKKKRSKAKQEREASPVEFAIDPN EPTYCLCNQVSYGEMIGCDNEQCPIEWFHFSCVSLTYKPKGKWYCPKCRGDNEKTMKSTKTKDRRSR 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001555
RefSeq Size:	2465
RefSeq ORF:	840
Synonyms:	ING1L; p33ING2
Locus ID:	3622
UniProt ID:	Q9H160 , B2RA15



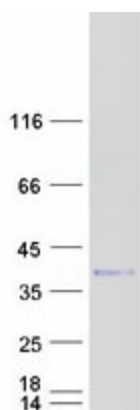
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Cytogenetics: 4q35.1

Summary: This gene is a member of the inhibitor of growth (ING) family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and function in DNA repair and apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified ING2 protein (Cat# [TP302478]). The protein was produced from HEK293T cells transfected with ING2 cDNA clone (Cat# [RC202478]) using MegaTran 2.0 (Cat# [TT210002]).