

Product datasheet for PH317763

ING1 (NM_198219) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | ING1 MS Standard C13 and N15-labeled recombinant protein (NP_937862) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC217763 |
| Predicted MW: | 31.9 kDa |
| Protein Sequence: | >RC217763 protein sequence Red=Cloning site Green=Tags(s) MLSPANGEQLHLVNYVEDYLDIESLPFDLQRNVSLMREIDAKYQEILKELDECYERFSRETGAQKRRM LHCVQRALIRSQELGDEKIQIVSQMVELVENRTRQVDSHVELFEAQQELGDTAGNSGKAGADRPKGAAAA QADKPNKRSRRQRNNENRENASSNHDHDDGASGTPKEKAKTSKSKKRSKAKAEREASPADLPIDPNEP TYCLCNQVSYGEMIGCDNDECPIEWFHFSCVGLNHPKPKGWYCPKCRGENEKTMDKALEKSKKERAYNR SGPTRTRPLEQKLI 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_937862 |
| RefSeq Size: | 2887 |
| RefSeq ORF: | 837 |
| Synonyms: | p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a |
| Locus ID: | 3621 |
| UniProt ID: | Q9UK53 |



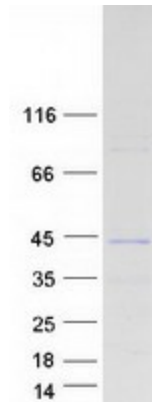
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Cytogenetics: 13q34

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]).