

Recombinant Mouse Ing2 Protein, Myc/DDK-tagged

Cat. No. Ing2-3536M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inhibitor of growth family, member 2 (Ing2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs).
Molecular Mass	33 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ing2 inhibitor of growth family, member 2 [Mus musculus (house mouse)]
Official Symbol	Ing2
Synonyms	ING2; inhibitor of growth family, member 2; inhibitor of growth protein 2; inhibitor of growth 1-like protein; Ing1I; Ing2b; P33ING2; 2810011M06Rik
Gene ID	69260
mRNA Refseq	NM_023503
Protein Refseq	NP_075992
UniProt ID	Q9ESK4

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