

Recombinant Mouse Ing1 Protein, Myc/DDK-tagged

Cat. No. Ing1-3535M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inhibitor of growth family, member 1 (Ing1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Isoform 1 inhibits p53-dependent transcriptional activation and may function as an oncoprotein. Isoform 2 acts as a negative growth regulator by cooperating with p53 in transcriptional activation of p53-responsive genes and may act as a tumor suppressor.
Molecular Mass	32.1 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	Ing1 inhibitor of growth family, member 1 [Mus musculus (house mouse)]
Official Symbol	Ing1
Synonyms	ING1; inhibitor of growth family, member 1; inhibitor of growth protein 1; mING1h; p33Ing1; AA407184; AI875420; p37Ing1b; 2610028J21Rik
Gene ID	26356
mRNA Refseq	NM_011919
Protein Refseq	NP_036049
UniProt ID	Q9QXV3

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