

Product datasheet for **TP525175**

Ing1 (NM_011919) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse inhibitor of growth family, member 1 (Ing1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR225175 protein sequence
Red=Cloning site **Green**=Tags(s)

MLSPANGEQIHLVNYVEDYLDIESLPFDLQRNVSLMREIDAKYQEILKELDDYYEKFKRETDGTQKRRV
LHCIQRALIRSQELGDEKIQIVSQMVELVENRSRQVDSHVELFEAHQDISDGTGGSGKAGQDKSKSEAIT
QADKPNNKRSRRQRNENRENASNNDHDDITSGTPKEKKAKTSKSKKRSKAKAEREASPADLPIDPNEP
TYCLCNQVSYGEMIGCDNDECPIEWFHFSCVGLNHKPKGKWYCPKCRGESEKTMDKALEKSKKERAYNR

SGPTRTRPLE**QKLISEEDLA**ANDILDYKDDDDK**V**

Tag: C-MYC/DDK

Predicted MW: 32.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_036049](#)

Locus ID: 26356

UniProt ID: [Q9QXV3](#)

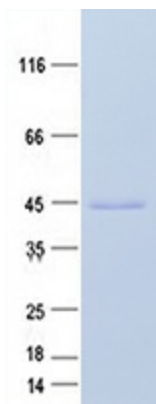
RefSeq Size: 2813



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Cytogenetics:	8 A1.1
RefSeq ORF:	840
Synonyms:	2610028J21Rik; AA407184; A1875420; mING1h; p33Ing1; p37Ing1b
Summary:	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. [UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Ing1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.