

## Product datasheet for TP503794

### Ing2 (NM\_023503) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse inhibitor of growth family, member 2 (Ing2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203794 protein sequence Red=Cloning site Green=Tags(s)

MLGQQQQQQLYSSAALLTGERSRLLSCYVQDYLECVESLPHDMQRNVSVLRELDNKYQETLKEIDDVYEK  
YKKEDDSNQKKRLQQLQALINSQELGDEKIQIVTQMLELVENRARQMELHSQCFQDPAESERASDKSK  
MDSSQPERSSRRPRRQRTSESRLCHMTNGIDDCDDQPPKEKRSKSAKKKRSKAKQEREASPVFAIDP  
NEPTYCLCNQVSYGEMIGCDNEQCPIEFWFHFCVSLTYKPKGKWYCPKCRGDNEKTMKSTKTKKERRA  
R

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	33 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:	<a href="#">NP_075992</a>
Locus ID:	69260
UniProt ID:	<a href="#">Q9ESK4</a>



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RefSeq Size: 2813

Cytogenetics: 8 B1.1

RefSeq ORF: 846

Synonyms: 2810011M06Rik; Ing1l; Ing2b; P33ING2

**Summary:** 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) (By similarity).  
[UniProtKB/Swiss-Prot Function]