

## Product datasheet for TP506480

### Ing3 (NM\_023626) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse inhibitor of growth family, member 3 (Ing3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206480 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MIEQLPMDLRDRFTEMREMDLQVQNAMDQLEQRVSEFFMNAKKNKPEWREEQMASIKKDYYKALEDA DEK VQLANQIYDLVDRHLRKLDQELAKFKMELEADNAGITEILERRSLELDAPSQPVNNHHASHTPVEKRKY NPTSHHAAADHIPEKKFKSEALLSTLTSDASKENTLGCRNNNSTASCNNAYNVNSSQPLASYNIGSLSSG AGAGAITMAAAQAVQATAQMKEGRRTSSLKASYEAFKNNDFQLGKEFSIPRETAGYSSSSALMTTLTQNA SSSATDSRSGRKSNNNTKSSSQSSSSSSSSSSSLCSSSSTVVQEVSQQATVWPESDSNSQVDWTYD PNEPRYCICNQVSYGEMVGCNDQDCPIEFWHYGCVGLTEAPKGKWFCPQCTAAMKRRGSRHK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	45.7 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:	<u><a href="#">NP_076115</a></u>
Locus ID:	71777


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UniProt ID:	<u>Q8VEK6</u>
RefSeq Size:	3755
Cytogenetics:	6 A3.1
RefSeq ORF:	1236
Synonyms:	1300013A07Rik; P47ING3
Summary:	<p>Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AFZ from the nucleosome (By similarity).[UniProtKB/Swiss-Prot Function]</p>