

## Product datasheet for TP507247

### Casp9 (NM\_015733) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse caspase 9 (Casp9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207247 protein sequence Red=Cloning site Green=Tags(s)

MDEADRQLLRRCRVRLVSELQVAELWDALLSRELFTRDMIEDIQQAGSGSRRDQARQLVTDLETRGRQAL  
PLFISCLEDTGQGTLASLLQSGRQAAKQDPEAVKPLDHLVPVVLGPMGLTAKEQRVVKLDPSQPAVGNLT  
PVVLGPPEELWPARLKPEVLRPETPRPVDIGSGGAHDVCVPGKIRGHADMAYTLSDPCGHCLINNPNFC  
PSSGLGTRTGSNLDLDRDKLEHRFRWLRFMVEVKNDLTAKKMVTALMEMAHRNHRALDCFVVVILSHGCQAS  
HLQFPGAVYGTGCSVSIKIVNIFNGSGCPSLGGKPKLFFIQACGGEQKDHGFEVACTSSQGRTLSDSDS  
EPDAVPYQEGPRPLDQLDAVSSLPTPSDILVSYSTFPGFVSWRDKKSGSWYIETLDGILEQWARSEDLQS  
LLLRVANAVSAKGTYKQIPGCFNFLRKKLFFKTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50 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_056548</a>
Locus ID:	12371



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UniProt ID: [Q8C3Q9](#)

RefSeq Size: 3899

Cytogenetics: 4 D3

RefSeq ORF: 1365

Synonyms: A1115399; APAF-3; AW493809; Casp; CASP-9; Caspase-9; ICE-; ICE-LAP6; Mch6

**Summary:** This gene is part of a family of caspases, aspartate-specific cysteine proteases well studied for their involvement in immune and apoptosis signaling. This protein, the initiator caspase, is activated after cytochrome c release from mitochondria and targets downstream effectors. In mouse, deficiency of this gene can cause perinatal lethality. This protein may have a role in normal brain development. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Apr 2013]