

Recombinant Mouse Casp9 Protein, MYC/DDK-tagged

Cat. No. Casp9-773M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse caspase 9 (Casp9), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	50 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Casp9 caspase 9 [*Mus musculus* (house mouse)]

Official Symbol Casp9

Synonyms Casp9; caspase 9; Mch6; APAF-3; CASP-9; AI115399; AW493809; ICE-LAP6; Caspase-9; caspase-9; ICE-like apoptotic protease 6; apoptotic protease Mch-6; apoptotic protease-activating factor 3; EC 3.4.22.62

Gene ID 12371

mRNA Refseq NM_015733

Protein Refseq NP_056548

UniProt ID Q8C3Q9

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