

Recombinant Mouse Casp2 Protein, His-tagged

Cat. No. Casp2-297M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Casp2(Gly170~Asp333) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly170~Asp333
Description	This gene encodes the evolutionarily ancient and most conserved member of the cysteine proteases that plays important role in stress-induced apoptosis, DNA repair and tumor suppression. Mice lacking the encoded protein develop normally but display cell type-specific apoptotic defects. Germ cells and oocytes from such mice were found to be resistant to cell death after treatment with chemotherapeutic drugs.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	19.9kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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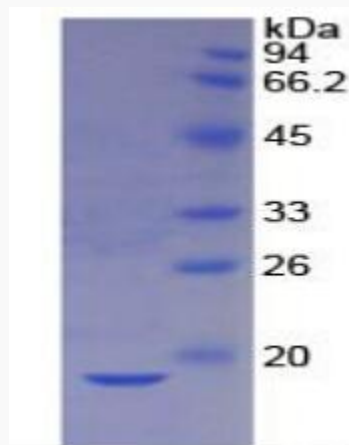
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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
GENE INFORMATION	
Gene Name	Casp2 caspase 2 [Mus musculus]
Official Symbol	Casp2
Synonyms	CASP2; caspase 2; caspase-2; CASP-2; NEDD-2; protease ICH-1; neural precursor cell expressed developmentally down-regulated protein 2; ICH-1; Nedd2; Caspase-2;
Gene ID	12366
mRNA Refseq	NM_007610
Protein Refseq	NP_031636
UniProt ID	P55159

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