

Recombinant Human CASP9 Protein (Lys100-270Thr), SUMO tagged

Cat. No. CASP9-0864H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Caspase 9 (Lys100-270Thr) fused with SUMO tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys100-270Thr
Description	Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly (ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.
Form	Lyophilized powder/frozen liquid
Molecular Mass	34.58 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles.

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	Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	CASP9 caspase 9, apoptosis-related cysteine peptidase [Homo sapiens (human)]
Official Symbol	CASP9
Synonyms	CASP9; caspase 9, apoptosis-related cysteine peptidase; caspase 9, apoptosis related cysteine protease; caspase-9; APAF 3; ICE LAP6; MCH6; PPP1R56; protein phosphatase 1; regulatory subunit 56; apoptotic protease MCH-6; ICE-like apoptotic protease 6; apoptotic protease activating factor 3; protein phosphatase 1, regulatory subunit 56; APAF3; APAF-3; ICE-LAP6; CASPASE-9c;
Gene ID	842
mRNA Refseq	NM_001229
Protein Refseq	NP_001220
MIM	602234
UniProt ID	P55211