

Recombinant Human CASP2 Protein (Gly334-Thr452), His tagged

Cat. No. CASP2-0858H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CASP2 (Gly334-Thr452) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly334-Thr452
Description	Involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival. Associates with PIDD1 and CRADD to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis in response to genotoxic stress.
Form	Lyophilized powder/frozen liquid
Molecular Mass	15.18 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [CASP2 caspase 2, apoptosis-related cysteine peptidase \[Homo sapiens \(human\) \]](#)

Official Symbol [CASP2](#)

Synonyms CASP2; caspase 2, apoptosis-related cysteine peptidase; NEDD2, neural precursor cell expressed, developmentally down regulated 2; caspase-2; ICH1; PPP1R57; protein phosphatase 1; regulatory subunit 57; protease ICH-1; protein phosphatase 1, regulatory subunit 57; neural precursor cell expressed developmentally down-regulated protein 2; NEDD2; CASP-2; NEDD-2;

Gene ID [835](#)

mRNA Refseq [NM_001224](#)

Protein Refseq [NP_001215](#)

MIM [600639](#)

UniProt ID [P42575](#)

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