

Recombinant Human CASP2 protein, His-tagged

Cat. No. CASP2-2715H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASP2 protein(18-217 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-217 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAADRGRRLGVCGMHPHHQETLKKNRVVLAKQLLLSELLEHLLEKDIITLEMRELIQ AKVGSFSQNVLLNLLPKRGPQAFDAFCEALRETKQGHLEDMLLTTLTSLGLQHVLPLPL SCDYDLSLPFPVCESCPLYKKLRLSTDTVEHSLDNKDGPLCLQVKPCTPEFYQTHFQ LAYRLQSRPRGLALVLSNVHFTGEKELE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	CASP2 caspase 2, apoptosis-related cysteine peptidase [Homo sapiens]
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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