

Recombinant Human CASP2 protein, His-SUMO-tagged

Cat. No. CASP2-2636H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CASP2 protein(P42575)(2-452aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength 2-452aa

Form If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Molecular Mass 66.6 kDa

AA Sequence AAPSAGSWSTFQHKELMAADRGRRLGVCGMHPHHQETLKKNRVVLAKQLLSELL
EHLLEKDIITLEMRELIQAKVGSFSQNVLLNLLPKRGPQAFDAFCEALRETKQGHLE
DMLLTLSGLQHVLPLSCDYDLSLPPVCESPLYKKLRLSTDTVEHSLDNKDG
CLQVKPCTPEFYQTHFQLAYRLQSRPRGLALVLSNVHFTGEKELEFRSGGDVDHST
LVTLFKLLGYDVHVLCDQTAQEMQEKLQNFQAQLPAHRVTDSCIVALLSHGVEGAIYG
VDGKLLQLQEVFQLFDNANCPQLQNKPKMFFIQACRGDETDRGVDQQDGKNHAGS
PGCEESDAGKEKLPKMRLPTRSDMICGYACLKGTAAAMRNTRKGSWYIEALAQVFSE
RACDMHVADMLVKVNALIKDREGYAPGTEFHRCKEMSEYCSTLCRHLYLFPGHPPT

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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