

Caspase 2 Apoptosis-Related Cysteine Peptidase Human Recombinant

Item Number	rAP-1477
Synonyms	Caspase-2, CASP-2, CASP2, Caspase 2 Apoptosis-Related Cysteine Peptidase, Neural precursor cell expressed developmentally down-regulated protein 2, NEDD-2, Protease ICH-1, ICH1, NEDD2, Caspase-2 subunit p18, Caspase-2 subunit p13, Caspase-2 subunit p12, C
Description	CASP2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 126 amino acids (348-452) and having a molecular mass of 14.1kDa. CASP2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P42575
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MAGKEKLPKM RLPTRSDMIC GYACLKGTA MRNTRKGSWY IE- ALAQVFSE RACDMHVADM LVKVNALIKD REGYAPGTEF HRCKEMSEYC STLCRHLYLF PGHPPT.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CASP2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**