

32-2207: CASP2 Recombinant Protein

Alternative Name :

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

Description

Source : Escherichia Coli. 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. Caspase 2 Apoptosis-Related Cysteine Peptidase (CASP2) is a part of the cysteine-aspartic acid protease (caspase) family. CASP2 takes part in the activation cascade of caspases responsible for apoptosis execution. CASP2 is also responsible for inactivating proteins essential for cell survival. The proteolytic cleavage of CASP2 is induced by a variety of apoptotic stimuli.

Product Info

Amount :

20 µg

Purification :

Greater than 80.0% as determined by SDS-PAGE.

Content :

The CASP2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Storage condition :

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.

Amino Acid :

MGSSHHHHHH SSGLVPRGSH MAGKEKLPKM RLPTRSDMIC GYACKLGTAA MRNTRKGSWY
IEALAQVFSE RACDMHVADM LVKVNALIKD REGYAPGTEF HRCKEMSEYC STLCRHLYLF PGHPPT.