Active Recombinant Human CASP6 Protein

Cat. No. CASP6-0426H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CASP6 (P55212) recombinant protein expressed in Escherichia coli. This protein is composed of one small (11 KDa) and one one large (18 KDa) subunit.
Species	Human
Source	E.coli
Description	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Oct 2015]
Form	Lyophlized
Bio-activity	> 13000 units/mg
Molecular Mass	29 kDa
Purity	>= 95% by SDS-PAGE
Applications	Functional Study

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	SDS-PAGE
Storage	Store at -80 centigrade on dry atmosphere. After reconstitution with PBS containing 15% glycerol 1 uL per unit, store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	No additive

GENE INFORMATION

Gene Name	CASP6 caspase 6, apoptosis-related cysteine peptidase [Homo sapiens]
Official Symbol	CASP6
Synonyms	CASP6; caspase 6, apoptosis-related cysteine peptidase; caspase 6, apoptosis related cysteine protease; caspase-6; MCH2; apoptotic protease MCH-2; caspase 6, apoptosis-related cysteine protease;
Gene ID	839
mRNA Refseq	NM_001226
Protein Refseq	NP_001217
MIM	601532
UniProt ID	P55212

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