

Caspase-12 (Casp12) Recombinant Protein | Casp12 recombinant protein

Recombinant Mouse Caspase-12 (Casp12) , partial

CATALOG # AAA114754	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

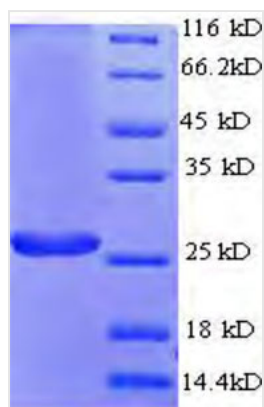
PRODUCT SYNONYMS

Caspase-12 (Casp12); Recombinant Mouse Caspase-12 (Casp12); partial; Casp12 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Length	419
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Casp12 recombinant protein

Caspases are cysteine proteases that cleave C-terminal aspartic acid residues on their substrate molecules. This gene, CASP12, is most highly related to members of the ICE subfamily of caspases that process inflammatory cytokines. In rodents, the homolog of this gene mediates apoptosis in response to endoplasmic reticulum stress. However, in humans this gene contains a polymorphism for the presence or absence of a premature stop codon. The majority of human individuals have the premature stop codon and produce a truncated non-functional protein. The read-through codon occurs primarily in individuals of African descent and carriers have endotoxin hypo-responsiveness and an increased susceptibility to severe sepsis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157951684
-----------	-----------

NCBI GeneID	12364
NCBI Accession #	NP_033938.3
NCBI GenBank Nucleotide #	NM_009808.4
UniProt Accession #	O08736; Q3TT82
Molecular Weight	47,854 Da
NCBI Official Full Name	caspase-12
NCBI Official Synonym Full Names	caspase 12
NCBI Official Symbol	Casp12
NCBI Protein Information	caspase-12
UniProt Protein Name	Caspase-12
UniProt Gene Name	Casp12
UniProt Synonym Gene Names	CASP-12

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/casp12-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114754>