

# Calcium-binding protein CAST (LOC102577856), Recombinant Protein

Cat *RP15290*

Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1*

*mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Solanum tuberosum (Potato Cell))*

## Full Product Name

Recombinant *Solanum tuberosum* Calcium-binding protein CAST

## Product Gene Name

LOC102577856 recombinant protein

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

MGSVQDENKD EFKQSLTRGK LKPSSSSSFR LRSPSLNSIR LRRIFDVFDR NHDCLISVEE LSQALNLLGL  
DADLSEIESM VKLHIKPENT GLRFEDFETL HRSLNDVFFG SKCEDKLGLN PDPAQDESDL KEAFDVF DEN  
GDGFISAKEL QVVLEKLG LP EGSEIDRVEM MISSVEQDHD GRVDFFFEFKD MMRTVIVPS

## Sequence Positions

1-199, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

22,606 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Calcium-binding protein

## NCBI Accession #

Q09011.1

## NCBI GI #

1168782

## NCBI GeneID

102577856

## NCBI Official Full Name

Calcium-binding protein CAST

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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**NCBI Official Symbol**  
*LOC102577856 (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

## NCBI Protein Information

calcium-binding protein CAST

## UniProt Protein Name

Calcium-binding protein CAST

## UniProt Primary Accession #

Q09011

## UniProt Related Accession #

Q09011

## UniProt Comments

Not known. Probably binds 3 calcium ions.

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