Recombinant Human Calmodulin-binding transcription activator 2 (CAMTA2), partial

Product Code	CSB-BP004480HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O94983
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Source	Baculovirus
Target Names	CAMTA2
Protein Names	Recommended name: Calmodulin-binding transcription activator 2
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	This protein is a member of the calmodulin-binding transcription activator (CAMTA) protein family. CAMTA family members share a common domain structure that consists of a transcription activation domain, a DNA-binding domain, and a calmodulin-binding domain. CAMTA proteins may function as transcription factors that respond to calcium signaling by directly binding to calmodulin. This protein was shown to possess transcription activation activity in a transcription reporter system in yeast. Alternatively spliced transcript variants have been identified, but their full-length natures have not been determined.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.