



Recombinant Human Coronin-2A (CORO2A)

Product Code	CSB-BP856432HU
Abbreviation	CORO2A
Storage	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.
Uniprot No.	Q92828
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSWHPQYRSS KFRHVFGKPA SKENCYDSVP ITRSVHDNHF CAVNPHFIAV VTECAGGGAF LVIPLHQTGK LDPHYPKVCG HRGNVLDVKW NPFDDFEIAS CSEDATIKIW SIPKQLLTRN LTAYRKELVG HARRVGLVEW HPTAANILFS AGYDYKVMIW NLDTKESVIT SPMSTISCHQ DVILSMSFNT NGSLATTCK DRKIRVIDPR AGTVLQEASY KGHRASKVLF LGNLKLMST GTSRWNNRQV ALWDQDNLSV PLMEEDLDGS SGVLFPPFYDA DTSMLYVVGK GDGNIRYYEV SADKPHLSYL TEYRSYNPQK GIGVMPKRGL DVSSCEIFRF YKLITTKSLI EPISMIVPRR SESYQEDIYP PTAGAQPSLT AQEWLSGMNR DPILVSLRPG SELLRPHPLP AERPIFNSMA PASPRLNQT EKLAEDGWR SSSLLEEKMP RWAAEHRLEE KKTWLTNGFD VFECPPPKTE NELLQMFYRQ QEEIRRLREL LTQREVQAKQ LELEIKNLRM GSEQL
Source	Baculovirus
Target Names	CORO2A
Protein Names	Recommended name: Coronin-2A Alternative name(s): IR10 WD repeat-containing protein 2
Expression Region	1-525
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	full length protein
Target Details	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartic acid (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 5 WD repeats, and has a structural similarity with actin-binding proteins: the D. discoideum coronin and the human p57 protein, suggesting that this protein may also be an actin-binding protein that regulates cell motility. Alternative splicing of



this gene generates 2 transcript variants.

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.