



# Recombinant Human CDK5 regulatory subunit-associated protein 1 (CDK5RAP1)

<b>Product Code</b>	CSB-EP822305HU-B
<b>Abbreviation</b>	CDK5RAP1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q96SZ6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MHPLQCVLQV QRSLGWGPLA SVSWLSLRMC RAHSSLSSTM CSPERQEDG ARKDFSSRLA AGPTFQHFLK SASAPQEKLS SEVEDPPPYL MMDELLGRQR KVYLETYGCQ MNVNDTEIAW SILQKSGYLR TSNLQEADVI LLVTCISIREK AEQTIWNRLH QLKALKTRRP RSRVPLRIGI LGCMAERLKE EILNREKMVD ILAGPDAYRD LPRLLAVAES GQQAANVLLS LDETYADVMP VQTSASATSA FVSIMRGCDN MCSYCIVPFT RGRERSRPIA SILEEVKKLS EQVFLPPRPP KVLGLQGLKE VTLGQNVNS FRDNSEVQFN SAVPTNLSRG FTTNYKTKQG GLRFAHLLDQ VSRVDPEMRI RFTSPHPKDF PDEVLQLIHE RDNICKQIHL PAQSGSSRVL EAMRRGYSRE AYVELVHHIR ESIPGVSLSS DFIAGFCGET EEDHVQTVSL LREVQYNMGF LFAYSMRQKT RAYHRLKDDV PEEVKLRRLE ELITIFREEA TKANQTSVGC TQLVLVEGLS KRSATDLCGR NDGNLKVIFP DAEMEDVNNP GLRVRAQPGD YVLVKITSAS SQTLRGHVLC RTTLRDSSAY C
<b>Source</b>	E.coli
<b>Target Names</b>	CDK5RAP1
<b>Protein Names</b>	Recommended name: CDK5 regulatory subunit-associated protein 1 Alternative name(s): CDK5 activator-binding protein C42
<b>Expression Region</b>	1-601
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	Neuronal CDC2-like kinase, which is involved in the regulation of neuronal differentiation, is composed of a catalytic subunit, CDK5, and an activating subunit, p25NCK5A. This protein binds to p25NCK5A and therefore may be involved in neuronal differentiation. Multiple transcript variants exist for this gene, but the full-length nature of only two have been determined.



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**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.

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