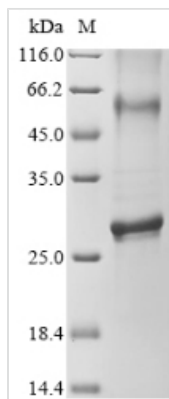




# Recombinant Human Cyclin-dependent kinase 5 activator 1 (CDK5R1), partial

<b>Product Code</b>	CSB-EP624014HU1
<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>	Q15078
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	AQPPPAQPPAPPASQLSGSQTGSSSVKKAPHPAVTSAGTPKRVIVQASTSE LLRCLGEFLCRRRCYRLKHLSPDPLWLRSVDRSLLLQGWQDQGFITPANVVF LYMLCRDVISSEVGSDHELQAVLLTCLYLSYSYMGNEISYPLKPFLVESCKEAF WDRCLSVINLMSSKMLQINADPHYFTQVFSDLKNESGQEDKKRLLLGLDR
<b>Lead Time</b>	3-7 business days
<b>Research Area</b>	Cell Biology
<b>Source</b>	E.coli
<b>Gene Names</b>	CDK5R1
<b>Expression Region</b>	99-307aa
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	27.3 kDa
<b>Protein Description</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

The recombinant Human CDK5R1 protein expression involves the transfection of e.coli cells with a DNA expression vector containing the gene encoding the protein of interest (99-307aa). Following transfection, the cells are cultured to induce the expression of the desired protein. The protein is equipped with a N-terminal 6xHis tag. The recombinant Human CDK5R1 protein is collected and purified from the cell lysate through affinity purification, achieving a purity greater than 85%, as determined by SDS-PAGE.

## 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.