



# Recombinant Human CDK5R1 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP06418

**Protein Name:** Cdk5 Activator Neuronal Cdk5 Activator (CDK5R1)

**Aliases:** p23; p25; p35; CDK5R; NCK5A; CDK5P35; p35nck5a; CDK5 activator neuronal CDK5 activator; TPKII regulatory subunit; regulatory partner for CDK5 kinase; tau protein kinase II 23kDa subunit

**UniProt ID:** Q15078

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q15078/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Partial (99-307aa)

**Molecular Weight:** 27.3 kDa

**Protein Tag:** N-terminal 6xHis-tagged

## 2. Amino Acid Sequence (99-307aa)

AQPPPAQPPAPPASQLSGSQTTGGSSSVKKAPHPAVTSAGTPKRVIVQASTSELLRC  
LGEFLCRRRCYRLKHLSPDTPVLWLRSVDRSLLLQGWQDQGFITPANVVFLYMLCRD  
VISSEVGSDHELQAVLLTCLYLSYSYMGNEISYPLKPFLVESCKEAFWDRCLSVINL  
MSSKMLQINADPHYFTQVFSDLKNESGQEDKKRLLLGLDR

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

## 5. Product Description

This product is a recombinant Human CDK5R1 partial protein (99-307aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CDK5R1, also known as p23 or p25 or p35, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.