Recombinant Human CDK5R1 protein, His-tagged

Cat. No. CDK5R1-11051H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK5R1 protein(99-307 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	99-307 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	AQPPPAQPPAPPASQLSGSQTGGSSSVKKAPHPAVTSAGTPKRVIVQASTSELLRC LGEFLCRRCYRLKHLSPTDPVLWLRSVDRSLLLQGWQDQGFITPANVVFLYMLCRD VISSEVGSDHELQAVLLTCLYLSYSYMGNEISYPLKPFLVESCKEAFWDRCLSVINLM SSKMLQINADPHYFTQVFSDLKNESGQEDKKRLLLGLDR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	CDK5R1 cyclin-dependent kinase 5, regulatory subunit 1 (p35) [Homo sapiens]
Official Symbol	CDK5R1
Synonyms	CDK5R1; cyclin-dependent kinase 5, regulatory subunit 1 (p35); cyclin-dependent kinase 5 activator 1; Nck5a; p35nck5a; CDK5 activator 1; neuronal CDK5 activator; TPKII regulatory subunit; regulatory partner for CDK5 kinase; tau protein kinase II 23kDa subunit; cyclin-dependent kinase 5 regulatory subunit 1; p23; p25; p35; CDK5R; NCK5A; CDK5P35; MGC33831;
Gene ID	8851
mRNA Refseq	NM_003885
Protein Refseq	NP_003876
MIM	603460
UniProt ID	Q15078

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