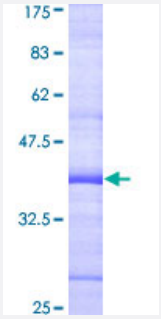
# CDK5RAP1 (Human) Recombinant Protein (Q01)

Catalog # H00051654-Q01 Size 25 ug, 10 ug

## Applications




## Specification

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|---|---|
| **Product Description** | Human CDK5RAP1 partial ORF ( AAH01215, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | MHPLQCVLQVQRSLGWGPLASVSWLSLRMCRAHSSLSSTMCPSPERQEDGARKDFSSRLAAG PTFQHFLKSASAPQEKLSSEVEDPPPYLMMDELLGRQRKVYLETYGCQ |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 37.73 |
| **Interspecies Antigen Sequence** | Mouse (87); Rat (85) |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |
| **Quality Control Testing** | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| **Storage Instruction** | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| **Note** | Best use within three months from the date of receipt of this protein. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — CDK5RAP1

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|---|---|
| **Entrez GeneID** | 51654 |
| **GeneBank Accession#** | BC001215 |
| **Protein Accession#** | AAH01215 |
| **Gene Name** | CDK5RAP1 |
| **Gene Alias** | C20orf34, C42, CDK5RAP1.3, CDK5RAP1.4, CGI-05, HSPC167 |
| **Gene Description** | CDK5 regulatory subunit associated protein 1 |
| **Omim ID** | 608200 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Neuronal CDC2-like kinase, which is involved in the regulation of neuronal differentiation, is comp osed of a catalytic subunit, CDK5, and an activating subunit, p25NCK5A. The protein encoded by this gene binds to p25NCK5A and therefore may be involved in neuronal differentiation. Multiple tr anscript variants exist for this gene, but the full-length natures of only two have been determined. [ provided by RefSeq |
| **Other Designations** | CDK5 activator-binding protein C42-like\|OTTHUMP00000030645 |

## Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

- Genetic Predisposition to Disease
- Narcolepsy