

Recombinant Full Length Human CDK5RAP1 Protein, GST-tagged

Cat. No. CDK5RAP1-3127HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDK5RAP1 full-length ORF (NP_057492.2, 1 a.a. - 587 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	587 amino acids
Description	This gene encodes a regulator of cyclin-dependent kinase 5 activity. This protein has also been reported to modify RNA by adding a methylthio-group and may thus have a dual function as an RNA methylthiotransferase and as an inhibitor of cyclin-dependent kinase 5 activity. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, May 2013]
Molecular Mass	92.5 kDa
AA Sequence	MHPLQCVLQVQRSLGWGPLASVSWLSLRMCRAHSSLSSTMCPSPERQEDGARKD FSSRLAAGPTFQHFLKSASAPQEKLSSSEVEDPPPYLMMDELLGRQRKVYLETYGCQ MNVNDTEIAWSILQKSGYLRTSNLQEADVILLVTCSIREKAEQTIWNRLHQLKALKTR RPRSRVPLRIGILGCMAERLKEEILNREKMVDILAGPDAYRDLPRLLAVAESGQQAAN VLLSLDETYADVMPVQTSASATSAFVSIMRGCDNMCSYCIVPFTRGRERSRPIASILE EVKKLSEQGLKEVTLLGQNVNSFRDNSEVQFNSAVPTNLSRGFTTNYKTKQGGLRF AHLLDQVSRVDPEMRIRFTSPHPKDFPDEVQLIHERDNICKQIHLPAQSGSSRVLEA

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MRRGYSREAYVELVHHIRESIPGVSLSSDFIAGFCGETEEDHVQTVSLLREVQYNMG
 FLFAYSMRQKTRAYHRLKDDVPEEVKLRRLLEELITIFREEATKANQTSVGCTQLVLVE
 GLSKRSATDLCGRNDGNLKVIFPDAEMEDVNNPGLRVRAQPGDYVLVKITSASSQT
 LRGHVLCRTTLRDSSAYC

Applications

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CDK5RAP1 CDK5 regulatory subunit associated protein 1 [Homo sapiens]

Official Symbol CDK5RAP1

Synonyms 2310066P17Rik; C20orf34; C42; CDK5 activator binding protein C42; CDK5 activator binding protein C42 like; CDK5 regulatory subunit associated protein 1; CDK5RAP1.3; CDK5RAP1.4; CGI 05; HSPC167; OTTMUSP00000016976; RP23-154J12.6; RP5-1187J4.1;

Gene ID 51654

mRNA Refseq NM_016082

Protein Refseq NP_057166

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MIM	608200
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UniProt ID	Q96SZ6
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