

Recombinant Human CDK5RAP1 Protein, GST-Tagged

Cat. No. CDK5RAP1-1025H **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	Wheat Germ
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 AHLDDQVSRVDPEMRIRFTSPHPKDFPDEVQLIHERDNICKQIHLPAQSGSSRVLEA MRRGYSREAYVELVHHIRESIPGVSLSSDFIAGFCGETEEDHVQTVSLLREVQYNMG FLFAYSMRQKTRAYHRLKDDVP EEVKLRRLEELITIFREEATKANQTSVGCTQLVLVE

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	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
MIM	608200

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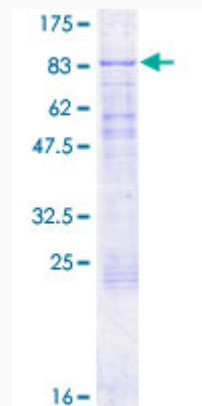
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UniProt ID

Q96SZ6

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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