

Recombinant Human CDK5RAP1, GST-tagged

Cat. No. CDK5RAP1-11052H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK5RAP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	239-587a.a.
Description	This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CDK5RAP1 CDK5 regulatory subunit associated protein 1 [Homo sapiens]
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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_016082.3
Protein Refseq	NP_057166.3
MIM	608200
UniProt ID	Q96SZ6
Chromosome Location	20pter-q11.23
Function	4 iron, 4 sulfur cluster binding; metal ion binding; protein kinase binding; transferase activity;

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