

STK21 recombinant protein

STK21 (CIT), Active

CATALOG # AAA72976	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

STK21; STK21 (CIT); Active; STK21 recombinant protein

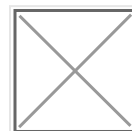
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	1-449
Sequence Length	8582
Applicable Applications for STK21 recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for STK21 recombinant protein	Description: Recombinant human STK21 (CIT) (1-449) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: STK21 is a serine/threonine-protein kinase that functions in cell division and also to promote efficient cytokinesis. STK21 is a novel molecular mechanism for a subset of human malformation syndromes of the central nervous system (1). STK21 is also associated with bipolar disorder and risk for schizophrenia. STK21 is a novel partner for the GTP-bound forms of rho and rac (2).
Product Categories/Family for STK21 recombinant protein	Enzymes ; Active Kinases
References	1. Di Cunto, F.et.al: Citron Rho-interacting kinase, a novel tissue-specific ser/thr kinase encompassing the Rho-Rac-binding protein citron. J. Biol. Chem. 273: 29706-29711, 1998. 2. Madaule, P.et.al: A novel partner for the GTP-bound forms of rho and rac. FEBS Lett. 377: 243-248, 1995.

NCBI AND UNIPROT INFORMATION

NCBI GI #	332801083
NCBI GeneID	11113
NCBI Accession #	NM_007174.2
NCBI GenBank Nucleotide #	NM_007174
UniProt Accession #	O14578; Q2M5E1; Q6XUH8; Q86UQ9; Q9UPZ7
Molecular Weight	~74 kDa
NCBI Official Full Name	Homo sapiens citron rho-interacting serine/threonine kinase (CIT), transcript variant 2, mRNA
NCBI Official Synonym Full Names	citron rho-interacting serine/threonine kinase
NCBI Official Symbol	CIT
NCBI Official Synonym Symbols	CITK; CRIK; STK21; MCPH17
NCBI Protein Information	citron Rho-interacting kinase
UniProt Protein Name	Citron Rho-interacting kinase
UniProt Gene Name	CIT
UniProt Synonym Gene Names	CRIK; KIAA0949; STK21; CRIK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cit-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/72976>