

Recombinant Human CIT Protein, GST-tagged

Cat. No. CIT-1384H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CIT partial ORF (NP_009105, 1928 a.a. - 2027 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a serine/threonine-protein kinase that functions in cell division. Together with the kinesin KIF14, this protein localizes to the central spindle and midbody, and functions to promote efficient cytokinesis. This protein is involved in central nervous system development. Polymorphisms in this gene are associated with bipolar disorder and risk for schizophrenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]
Molecular Mass	36.63 kDa
AA Sequence	TYNEHITKRVASSPAPPEGPSHPREPSTPHRYREGRTTELRRDKSPGRPLEREKSPGRMLSTRRERSPGRLFEDSSRGRLPAGAVRTPLSQVNKVDQSSV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 CIT citron (rho-interacting, serine/threonine kinase 21) [Homo sapiens]

Official Symbol CIT

Synonyms CIT; citron (rho-interacting, serine/threonine kinase 21); citron Rho-interacting kinase; CRIK; KIAA0949; STK21; serine/threonine-protein kinase 21;

Gene ID 11113

mRNA Refseq NM_001206999

Protein Refseq NP_001193928

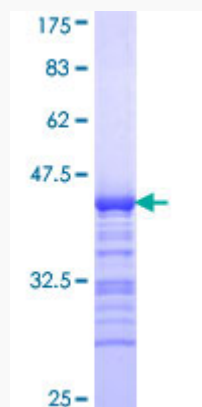
MIM 605629

UniProt ID O14578

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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