

# Recombinant Full Length Human CENPJ Protein, GST-tagged

Cat. No. CENPJ-3321HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CENPJ full-length ORF (AAH24209.3, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	372 amino acids
<b>Description</b>	This gene encodes a protein that belongs to the centromere protein family. During cell division, this protein plays a structural role in the maintenance of centrosome integrity and normal spindle morphology, and it is involved in microtubule disassembly at the centrosome. This protein can function as a transcriptional coactivator in the Stat5 signaling pathway, and also as a coactivator of NF-kappaB-mediated transcription, likely via its interaction with the coactivator p300/CREB-binding protein. Mutations in this gene are associated with primary autosomal recessive microcephaly, a disorder characterized by severely reduced brain size and mental retardation. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Apr 2012]
<b>Molecular Mass</b>	69.6 kDa
<b>AA Sequence</b>	MRKLQKERKVFKEYTTAARTFPDKKEREEIQLKQIADLREDLKRKETKWSSTHSR LRSQIQMLVRENTDLREEIKVMERFRLDAWKRAEAISSLEVEKKDKLANTSVRFQN SQISSGTQVEKYKKNYLPMQGNPPRRSKSAPPRDLGNLDKGQAASPREPLEPLNFP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

DPEYKEEEEDQDIQGEISHPDGKVEKVYKNGCRVILFPNGTRKEVSADGKTITVTF  
 NGDVKQVMPDQRVIYYYYAAAQTTHHTYPEGLEVLHFSSGQIEKHYPDGRKEITFPDQ  
 TVKNLFPDGQEEISIFPDGTIVRVQRDGNKLIEFNNGQRELHTAQFKRREYPDGTVKT  
 VYANGHQETKYRSGRIRVKDEKGNVLMDEL

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CENPJ centromere protein J [ Homo sapiens ]
<b>Official Symbol</b>	CENPJ
<b>Synonyms</b>	CENPJ; centromere protein J; MCPH6, microcephaly, primary autosomal recessive 6; BM032; CPAP; LAP; LIP1; Sas 4; SASS4; SCKL4; LAG-3-associated protein; LYST-interacting protein 1; LYST-interacting protein LIP1; LYST-interacting protein LIP7; centrosomal P4.1-associated protein; MCPH6; Sas-4; CENP-J; MGC131581; MGC131582; MGC142222; MGC142224;
<b>Gene ID</b>	55835
<b>mRNA Refseq</b>	NM_018451
<b>Protein Refseq</b>	NP_060921



<b>MIM</b>	609279
<b>UniProt ID</b>	Q9HC77

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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