

Recombinant Full Length Human CENPJ Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CENPJ full-length ORF (AAH24209.3, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	372 amino acids
Description	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]
Molecular Mass	69.6 kDa
AA Sequence	MRKLQKERKVFKEYTTAARTFPDKKEREEIQTLKQQIADLREDLKRKETKWSSTHSR LRSQIQMLVRENTDLREEIKVMERFRLDAWKRAEAISSLEVEKKDKLANTSVRFQN SQISSGTQVEKYKKNYLPMQGNPPRRSKSAPPRDLGNLDKGQAASPREPLEPLNFP

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DPEYKEEEEDQDIQGEISHPDGKVEKVYKNGCRVILFPNGTRKEVSADGKTITVTFF
 NGDVKQVMPDQRVIIYAAAQTTHTTYPEGLEVLHFSSGQIEKHYPDGRKEITFPDQ
 TVKNLFPDQGQESIFPDGTIVRVQRDGNKLIEFNNGQRELHTAQFKRREYPDGTVKT
 VYANGHQETKYRSGRIRVKDKEGNVLMDEL

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 CENPJ centromere protein J [Homo sapiens]

Official Symbol CENPJ

Synonyms 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;

Gene ID 55835

mRNA Refseq NM_018451

Protein Refseq NP_060921

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MIM	609279
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UniProt ID	Q9HC77
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