

Recombinant Human CENPJ Protein, His-tagged

Cat. No. CENPJ-466H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CENPJ(Met1~Asn207) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Asn207
Description	<p>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 cognitive disability. Alternatively spliced transcript variants have been found for this gene.</p>
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	27.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

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

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Protein Refseq NP_060921

MIM 609279

UniProt ID Q9HC77

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