

Product datasheet for **TP762259**

CENPJ (NM_018451) Human Recombinant Protein

Product data:

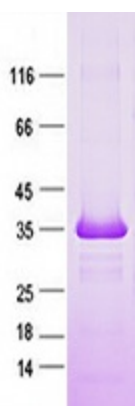
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human centromere protein J (CENPJ), Thr1087-end, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Thr1087-end) of CENPJ
Tag:	N-His
Predicted MW:	28.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060921
Locus ID:	55835
UniProt ID:	Q9HC77 , A8K8P1
RefSeq Size:	4387
Cytogenetics:	13q12.12-q12.13
RefSeq ORF:	4014
Synonyms:	BM032; CENP-J; CPAP; LAP; LIP1; MCPH6; Sas-4; SASS4; SCKL4



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Summary:

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. [provided by RefSeq, Apr 2012]

Product images:

Purified recombinant protein CENPJ was analyzed by SDS-PAGE gel and Coomassie Blue Staining.