

Recombinant Full Length Human CHAMP1 Protein, GST-tagged

Cat. No. CHAMP1-1783HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C13orf8 full-length ORF (NP_115812.1, 1 a.a. - 812 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	812 amino acids
Description	This gene encodes a zinc finger protein that functions as a regulator of chromosome segregation in mitosis. The encoded protein is required for correct alignment of chromosomes on the metaphase plate, and plays a role in maintaining the attachment of sister kinetochores to microtubules from opposite spindle poles. Mutations in this gene are associated with an autosomal dominant form of intellectual disability.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	115.5 kDa
AA Sequence	MEAFQELRKPSARLECDHCSFRGTDYENVQIHMGTIHPEFCDEMDAGGLGKMIFYQ KSAKLFHCHKCFSTSKMYSNVYYHITSKHASPDKWNDKPKNQLNKETDPVKSPPLP EHQKIPCNSAEPKSIPALSMETQKLGSVLSPESPCKPTPLTLEPQKPGSVVSPQLT PLPSPEPSKPASVSSPEPPKSVPVCEQKLVPSPEPQKPAVSPESVKATLSNPK PQKQSHFPETLGPPSASSPESPVLAASPEPWGSPSPAASPESRKSARTTSPEPRKPS

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

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

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

PSESPEPWKPFPAVSPEPRRPAPAVSPGSWKPGPPGSPRPWKSNPSSASSGPWKP
 AKPAPSVSPGPWKPIPSVSPGPWKPTPSVSSASWKSSSVSPSSWKSPASPESWK
 SGPPELRKTAPTLSPEHWKAVPPVSPELRKGPPLSPEIRSPAGSPELRKPSGSPDL
 WKLSPDQRKTSPASLDFPESQKSSRGGSPDLWKSSFFIEPQKPVFPETRKPGPSGP
 SESPKAASDIWKPVLSIDTEPRKPALEPEAKTAPPASPEARAKRALFPEPRKHALFPE
 LPKSALFSESQKAVELGDELQIDAIDDQKCDILVQEELLASPKLLEDTLFPSSKLLKK
 DNQESSDAELSSSEYIKTDLDAMDIKGQESSSDQEQVDVESIDFSKENKMDMTSPE
 QSRNVLQFTEEKEAFISEEEIAKYMKRGKGYCKICCCRAMKKGAVLHHLVNHKHNH
 HSPYKCTICGKAFLLLESLKNHVAAHGQSLKCPRCNFESNFPRGFKKHLTHCQSRH
 NEEANKKLMEALEPPLEEQQI

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 CHAMP1 chromosome alignment maintaining phosphoprotein 1 [Homo sapiens]

Official Symbol CHAMP1

Synonyms CHAMP1; chromosome alignment maintaining phosphoprotein 1; C13orf8, chromosome 13 open reading frame 8 , zinc finger protein 828 , ZNF828; chromosome alignment-maintaining phosphoprotein 1; CAMP; CHAMP; chromosome alignment maintaining phosphoprotein; zinc finger protein 828; ZNF828; C13orf8; FLJ90413; KIAA1802

Gene ID 283489

mRNA Refseq NM_001164144

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Protein Refseq NP_001157616

MIM 616327

UniProt ID Q96JM3

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