

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 KSAKLFHCHKCFSTSKMYSNVYYHITSKHASPDKWNDKPKNQNLNKETDPVKSPPLP EHQKIPCNSAEPKSIPALSMETQKLGSVLSPEPKPTPLTPLEPQKPGSVVSPQLQT PLPSPEPSKPASVSSPEPPKSVPVCEQKLAPVPSPEPQKPAPVSPESVKATLSNPK PQKQSHFPETLGPPSASSPESPVLAASPEPWGPPAASPESRKSARTTSPEPRKPS

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PSESPEPWKPFPAVSPEPRRPAPAVSPGSWKPGPPGSPRPWKSNPSSASSGPWKP
 AKPAPSVSPGPWKPIPSVSPGPWKPTPSVSSASWKSSSVSPSSWKSPASPESWK
 SGPPELRKTAPTLSPEHWKAVPPVSPELRKPGPPLSPEIRSPAGSPELRKPSGSPDL
 WKLSPDQRKTSPASLDFPESQKSSRGGSPDLWKSSFFIEPQKPVFPETRKPGPSGP
 SESPKAASDIWKPVLSIDTEPRKPALFPEPAKTAPPASPEARKRALFPEPRKHALFPE
 LPKSALFSESQKAVELGDELQIDAIDDQKCDILVQEELLASPKKLEDTLFPSSKKLKK
 DNQESSDAELSSSEYIKTDLDAMDIKGQESSSDQEQVDVESIDFSKENKMDMTSPE
 QSRNVLQFTEEKEAFISEEEIAKYMKRKGKGYCKICCCRAMKKGAVLHHLVKNKHN
 HSPYKCTICGKAFLLESLLKNHVAAHGQSLKCPRCNFESNFPRGFKKHLTHCQSRH
 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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