

Recombinant Human CDCA4, GST-tagged

Cat. No. CDCA4-11023H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDCA4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-241a.a.
Description	The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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GENE INFORMATION

Gene Name	CDCA4 cell division cycle associated 4 [Homo sapiens]
Official Symbol	CDCA4
Synonyms	CDCA4; cell division cycle associated 4; cell division cycle-associated protein 4; FLJ20764; hematopoietic progenitor protein; Hepp; HEPP; SEI-3/HEPP; FLJ52878; MGC19517;
Gene ID	55038
mRNA Refseq	NM_017955
Protein Refseq	NP_060425
MIM	612270
UniProt ID	Q9BXL8
Chromosome Location	14q32.33

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