Recombinant Human CDCA3, His-tagged

Cat. No. CDCA3-11022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDCA3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-268a.a.
Description	The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD 3 complex) and is involved in T-cell development and signal transduction. The encode d membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form th e TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of sev ere combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/ NK-cell-positive (SCIDBNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length natures of t heir transcripts has yet to be defined.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	CDCA3 cell division cycle associated 3 [Homo sapiens]
Official Symbol	CDCA3
Synonyms	CDCA3; cell division cycle associated 3; GRCC8; TOME 1; trigger of mitotic entry 1;
Gene ID	191588
MIM	607749
UniProt ID	Q99618
Chromosome Location	12p13.31

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