

Recombinant Human CCBE1, His-tagged

Cat. No. CCBE1-10778H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCBE1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-215a.a.
Description	This gene encodes an actin capping protein, one of the F-actin capping protein alpha subunit family. The encoded protein is predominantly localized to the neck region of ejaculated sperm, other immunohistochemical signals were found in the tail and postacrosomal regions. The encoded protein may also form heterodimers of alpha and beta subunits. This protein may be important in determining sperm architecture and male fertility.
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CCBE1 collagen and calcium binding EGF domains 1 [Homo sapiens]
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Official Symbol	CCBE1
Synonyms	CCBE1; collagen and calcium binding EGF domains 1; collagen and calcium-binding EGF domain-containing protein 1; FLJ30681; KIAA1983; full of fluid protein homolog; MGC50861;
Gene ID	147372
mRNA Refseq	NM_133459
Protein Refseq	NP_597716
MIM	612753
UniProt ID	Q6UXH8
Chromosome Location	18q21.32
Function	calcium ion binding;

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