

Recombinant Human CCBP2, GST-tagged

Cat. No. CCBP2-10780H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCBP2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	74-384a.a.
Description	This gene encodes the beta subunit of the barbed-end actin binding protein, which belongs to the F-actin capping protein family. The capping protein is a heterodimeric actin capping protein that blocks actin filament assembly and disassembly at the fast growing (barbed) filament ends and functions in regulating actin filament dynamics as well as in stabilizing actin filament lengths in muscle and nonmuscle cells. Multiple alternatively spliced transcript variants encoding different isoforms have been found.
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.

GENE INFORMATION

Gene Name	CCBP2 chemokine binding protein 2 [Homo sapiens]
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Official Symbol	CCBP2
Synonyms	CCBP2; chemokine binding protein 2; CMKBR9; chemokine-binding protein 2; CCR9; CCR10; D6; chemokine receptor D6; chemokine receptor CCR-9; C-C chemokine receptor D6; chemokine receptor CCR-10; chemokine (C-C) receptor 9; chemokine-binding protein D6; chemokine (C-C motif) receptor 9; CC-chemokine-binding receptor JAB61; hD6; MGC126678; MGC138250;
Gene ID	1238
mRNA Refseq	NM_001296
Protein Refseq	NP_001287
MIM	602648
UniProt ID	O00590
Chromosome Location	3p21.3
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	C-C chemokine binding; C-X-C chemokine receptor activity; G-protein coupled receptor activity; chemokine receptor activity; receptor activity; signal transducer activity;

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