

Recombinant Human CAPG, His-tagged

Cat. No. CAPG-1528H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CAPG (aa. 1-348) produced in <i>E.coli</i> is a 38.5 kDa protein. It was fused to His-tag at N-terminus.
Species	Human
Source	E.coli
Protein Length	1-348 a.a.
Description	Calcium-sensitive protein which reversibly blocks the barbed ends of actin filaments but does not sever preformed actin filaments. May play an important role in macrophage function. May play a role in regulating cytoplasmic and/or nuclear structures through potential interactions with actin. May bind DNA.
Purity	95%.
Preparation	0.1mg/0.086 ml.
Tested Application	E, WB, MS.
Buffer	10 mM Tris, pH 8.0, 0.002% NaN ₃ , 3mM NaCl, 2.5mM.
Species Reactivity	n/aH.
Storage	Store at -70°C with any protein, exposing CAPG recombinant protein to repeated

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freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

GENE INFORMATION

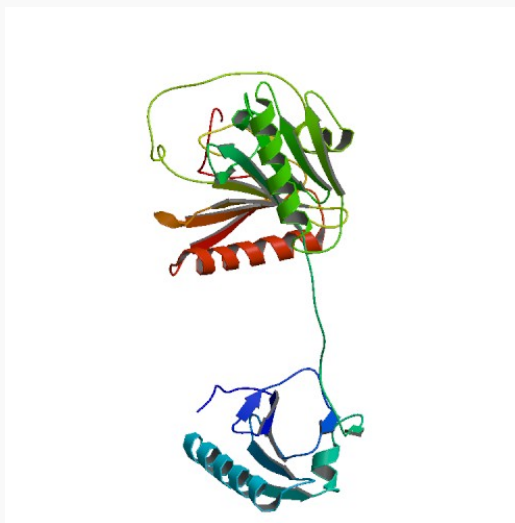
Gene Name	CAPG capping protein (actin filament), gelsolin-like [Homo sapiens]
Synonyms	capping protein (actin filament), gelsolin-like; MCP; AFCP; CAPG; gelsolin-like capping protein; OTTHUMP00000203057; OTTHUMP00000203058; macrophage capping protein; actin-regulatory protein CAP-G; Actin regulatory protein CAP-G
Gene ID	822
mRNA Refseq	NM_001747
Protein Refseq	NP_001738
MIM	153615
UniProt ID	P40121
Chromosome Location	2p11.2
Function	actin binding

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