

Recombinant Human CAPG, None tagged

Cat. No. CAPG-203H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPG (AAH14549.1) (Met1-Lys348), fused with None, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-348 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM tris, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human CAPG consists of 348 amino acids and predicts a molecular mass of 38.5 KDa. It migrates as an approximately 43 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CAPG capping protein (actin filament), gelsolin-like [Homo sapiens]

Official Symbol CAPG

Gene ID 822

mRNA Refseq NM_001256139

Protein Refseq NP_001243068

MIM 153615

UniProt ID P40121

Chromosome Location 2p11.2

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