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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CAPG (Human) Recombinant Protein (P01)

Catalog Number: H00000822-P01

Regulation Status: For research use only (RUO)

Product Description: Human CAPG full-length ORF (AAH00728.1, 1 a.a. - 348 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MYTAIPQSGSPFPGSVQDPGLHVWRVEKLPVPVVAQ
ENQGVFFSGDSYLVLHNGPEEVSHLHLWIGQQSSRD
EQGACAVLAVHLNLTLLGERPVQHREVQGNESDLFMS
YFPRGLKYQEGGVESAFHKTSTGAPAAIKKLYQVKGK
KNIRATERALNWDSFNTGDCFILDGQNIFAWCGGKS
NILERNKARDLALAIRDSERQGKAQVEIVTDGEEPAEMI
QVLGPKPALKEGNPEEDLTADKANAQAAALYKVSDAT
GQMNLTQVADSSPFALELLISDDCFVLDNGLCGKIYW
KGRKANERQAALQVAEGFISRMQYAPNTQVEILPQ
GRESPIFKQFFKDWK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 63.8

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 822

Gene Symbol: CAPG

Gene Alias: AFCP, MCP

Gene Summary: This gene encodes a member of the gelsolin/villin family of actin-regulatory proteins. The encoded protein reversibly blocks the barbed ends of F-actin filaments in a Ca²⁺ and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cells. Alternatively spliced transcript variants have been observed, but have not been fully described. [provided by RefSeq]