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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CAMLG (Human) Recombinant Protein (P01)

Catalog Number: H00000819-P01

Regulation Status: For research use only (RUO)

Product Description: Human CAMLG full-length ORF (NP_001736.1, 1 a.a. - 296 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MESMAVATDGGGERPGVPAGSGLSASQRRRAELRRRKL
LMNSEQRINRIMGFHRPGSGAEEESQTKSKQQDSDKL
NSLSVPSVSKRVVLGDSVSTGTTDQQGGVAEVKGTQ
LGDKLDSFIKPPCCSSDVNLELRQRNRGDLTADSVQR
GSRHGLEQYLSRFEEAMKLRKQLISEKPSQEDGNTTE
EFDSFRIFRLVGCALLALGVRAFVCKYLSIFAPFLTLQL
AYMGLYKYFPKSEKKIKTTVLTAALLLSGIPAEVINRSM
DTYSKMGEVFTDLCVYFFTFIFCHELLDYWGSEVP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 59.4

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: 819

Gene Symbol: CAMLG

Gene Alias: CAML, MGC163197

Gene Summary: The immunosuppressant drug cyclosporin A blocks a calcium-dependent signal from the T-cell receptor (TCR) that normally leads to T-cell activation. When bound to cyclophilin B, cyclosporin A binds and inactivates the key signaling intermediate calcineurin. The protein encoded by this gene functions similarly to cyclosporin A, binding to cyclophilin B and acting downstream of the TCR and upstream of calcineurin by causing an influx of calcium. This integral membrane protein appears to be a new participant in the calcium signal transduction pathway, implicating cyclophilin B in calcium signaling, even in the absence of cyclosporin. [provided by RefSeq]