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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CALML5 (Human) Recombinant Protein (P01)

Catalog Number: H00051806-P01

Regulation Status: For research use only (RUO)

Product Description: Human CALML5 full-length ORF (AAH39172, 1 a.a. - 146 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAGELTPEEEEAQYKKAFAVDTDGNGTINAQELGAAL
KATGKNLSEAQLRKLISEVDGDGDGEISFQEFLTAARK
ARAGLEDLQVAFRAFDQDGDGHITVDELRRAMAGLG
QPLPQEELDAMIREADVQDGRVNYEEFARMLAQE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 41.80

Interspecies Antigen Sequence: Mouse (51); Rat (51)

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: 51806

Gene Symbol: CALML5

Gene Alias: CLSP

Gene Summary: This gene encodes a novel calcium binding protein expressed in the epidermis and related to

the calmodulin family of calcium binding proteins. Functional studies with recombinant protein demonstrate it does bind calcium and undergoes a conformational change when it does so. Abundant expression is detected only in reconstructed epidermis and is restricted to differentiating keratinocytes. In addition, it can associate with transglutaminase 3, shown to be a key enzyme in the terminal differentiation of keratinocytes. [provided by RefSeq]