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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MYL2 (Human) Recombinant Protein (P01)

Catalog Number: H00004633-P01

Regulation Status: For research use only (RUO)

Product Description: Human MYL2 full-length ORF (AAH15821.1, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPKKAKKRAGGANSNVFSMFEQTQIQEFKEAFTIMD
QNRDGFIDKNDLRDTFAALGRVNVKNEEIDEMIKEAPG
PINFTVFLTMFGEKLGADPEETILNAFKVFDPEGKGVL
KADYVREMLTTQAERFSKEEVDQMFAAFPDPVTGNLD
YKNLVHIITHGEEKD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 44.00

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: 4633

Gene Symbol: MYL2

Gene Alias: CMH10, DKFZp779C0562, MLC2

Gene Summary: Thus gene encodes the regulatory light chain associated with cardiac myosin beta (or slow) heavy chain. Ca⁺ triggers the phosphorylation of

regulatory light chain that in turn triggers contraction. Mutations in this gene are associated with mid-left ventricular chamber type hypertrophic cardiomyopathy. [provided by RefSeq]