

# *Cyp c 1 (Cyp c 1.01)*

(*Cyprinus carpio*, Parvalbumin from Common carp)

For research purpose only.



## BIOMAY AG

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## PRODUCT DESCRIPTION:

**Access:** EMBL: AJ292211/Swissprot: Q8UUS3

**Mw** = 11,373 Dalton (according to sequence from database without Methionine)

**Mol. Ext. Coeff.:** 1490; 1 mg/ml  $A_{280}=0,131^*$

**pl** = 4.41

**Lot#:** 01

**Amount:** 250 µg

**Quality:** Purity > 98 %

Endotoxin content: 0.031 EU/µg

**Reacts with IgE** from Cyp c 1 reactive human serum

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### General information:

BIOMAY Cyp c 1 was produced by heterologous expression in *E. coli*, purified by conventional biochemical methods, and lyophilized from 5 mM PO<sub>4</sub> buffer, pH 7.4

### Reconstitution:

The material can be reconstituted with distilled water (or equivalent) or dilute buffers. Thorough agitating during dissolution is essential. Do not use salt concentrations exceeding 20 mM to dissolve the lyophilized material. Salt may be added after dissolution.

If reconstituted to 1 mg/ml the product will be soluble to at least 98% and the PO<sub>4</sub> concentration will be 0,7 mM.

### Storage:

When stored at -20°C the quality of the material will be maintained for several years. However, for short periods (max. 3 weeks) the lyophilized product may be kept at room temperature. After reconstitution store at -20°C. Avoid repeated freezing/thawing.

### Quality control:

Purity has been determined on SDS-PAGE gels stained with Coomassie Brilliant Blue R-250. Endotoxin content was determined by using a Limulus Amebocyte Lysate (LAL) assay.

Cyp c 1 Lot# 01 tested positive in an IgE-Immunoblot using a standardized pool of human Cyp c 1-reactive sera.

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\* See: <http://www.expasy.ch/tools/protparam-doc.html>

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