

## Recombinant Human Creatine Kinase MB protein

Cat. No. CKMB-46H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human Creatine Kinase MB was expressed in Pichia pastoris.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | P.pastoris   |
| <b>Description</b>      | Recombinant full length Creatine Kinase MB isoenzyme without the C-terminal lysine on the M subunit. CK-MB is a dimeric protein comprised of M and B subunits. The doublet band migrating approximately 44 kDa is not resolved on most gels. Purified in the enzymatically active form. Reacts with monoclonal antibodies specific to MB isoenzyme in ELISA. |
| <b>Form</b>             | 0.02 M Potassium Phosphate, 1 mM DTT, 50% glycerol, pH 5.0 to 6.0.   |
| <b>Molecular Mass</b>   | 44 kDa   |
| <b>Purity</b>           | > 95% pure (SDS-PAGE). Purified under non-denaturing conditions.   |
| <b>Applications</b>     | Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.  |
| <b>Notes</b>            | Centrifuge before opening to ensure complete recovery of vial contents.  |
| <b>Storage</b>          | Store at -70 centigrade or below. Aliquot to avoid multiple freeze/thaw cycles.  |

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|----------------------|-----------|
| <b>Concentration</b> | 7.9 mg/mL |
|----------------------|-----------|

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