

# Human CKMT3 Recombinant Protein



RPPB2482

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## Product Information    Protein Information

**Product SKU:**

RPPB2482

**Accession:**

P06732

**Host:**

Pichia Pastoris.

**Protein description:**

CKMT3 Human Recombinant produced in Pichia Pastoris is a glycosylated polypeptide chain having an identical amino acid sequence compared to the native enzyme, purified under non-denaturing conditions and reacts with polyclonal antibodies to MM Isoenzyme in ELISA. The CKMT3 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless liquid formulation.

**Synonyms:**

Creatine kinase M-type, EC 2.7.3.2, Creatine kinase M chain, M-CK, CKM, CKMM, CKMMITIII.

**Formulation:**

Each mg of protein contains 20mM Tris pH-8, 1mM EDTA and 1mM DTT.

**Purity:**

Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Stability:**

CKMT3 although stable at 15°C for 7 days, should be stored below -18°C. Please prevent freeze-thaw cycles.

**Biological Activity:**

The biological activity measured by the enzymatic activity of Creatine phosphokinase procedure No.45-UV, 1IU-1  $\mu$ mole creatine phosphate was 500 IU/mg at 37 degrees celsius corresponding to a Specific Activity of 2,000ng/ml.