

Human CKMT1 Recombinant Protein



RPPB2481

Product Information Protein Information

Product SKU:

RPPB2481

Accession:

P06732

Host:

Pichia Pastoris.

Protein description:

CKMT1 Human Recombinant without C-terminal Lysine on both chains produced in Pichia Pastoris is a glycosylated 47kDa 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 CKMT1 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colourless liquid formulation.

Synonyms:

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

Formulation:

CKMT1 contains 0.01M Tris-HCl, 0.075M NaCl, 10mM beta-mercaptoethanol, 50% glycerol, 0.1% sodium azide, pH 7.2.

Purity:

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

Stability:

CKMT1 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 µmole creatine phosphate was 537IU/mg at 37 degrees celsius corresponding to a Specific Activity of 1,863ng/ml.