

Cat # RP-669

Recombinant Human Casein Kinase 2 Holoenzyme

**Size:**  3 ug

10 ug

**Synonyms:**

Casein Kinase 2 Holoenzyme, CK2h.

**Description:**

Human recombinant casein kinase 2 holo enzyme containing alpha and beta subunits which were separately expressed in E. coli as non-fusion proteins and purified using several chromatographic steps. The holo enzyme has been reconstituted in the course of the purification and is highly active suitable for labelling CK2 substrates. CK2 holoenzyme is a non-glycosylated polypeptide having a molecular mass of 140 kDa.

**Source:**

*Escherichia Coli.*

**Physical Appearance:**

Sterile Filtered clear solution.

**Formulation:**

CK2 Holoenzyme is supplied 0.5mg/1ml in 25mM Tris-HCl, 500mM NaCl, 1mM DTT, 500 µM PMSF, 5% glycerol, pH 8.5.

**Unit Definition:**

No protease activity detectable, specific activity > 1.3U/mg (1U = 1µmol/min at 37 degree C) using the synthetic peptide RRRDDDSDDD.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Usage:**

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4oC for ~1 week or aliquots in suitable size and store at -20oC for long term storage..

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