

**Recombinant Human TLK1 / PKU-beta Protein (His & GST tag)**

**Cat.NO.: TP08357**

3th Edition

**Synonyms:**KIAA0137;PKU-beta

**Description:**The protein encoded by this gene is a serine/threonine kinase that may be involved in the regulation of chromatin assembly. The encoded protein is only active when it is phosphorylated, and this phosphorylation is cell cycle-dependent, with the maximal activity of this protein coming during S phase. The catalytic activity of this protein is diminished by DNA damage and by blockage of DNA replication. Three transcript variants encoding different isoforms have been found for this gene.

**Form:**PBS

**Molecular Weight:**114 kDa

**Sequences:**Met 1-Tyr 766

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.