

Recombinant Chinese hamster PKM2 Protein, His-tagged, OVA Conjugated

Cat. No. PKM2-2822C Lot. No. (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Chinese hamster PKM2 Protein (Asp35-Thr50) fused with a N-His tag.
Species	Chinese hamster
Source	Protein Conjugation
ProteinLength	Asp35-Thr50
Description	<p>This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported.</p>
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16 kDa
Purity	> 90%

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Applications	Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
Conjugation	OVA

GENE INFORMATION

Gene Name	LOC100758090 pyruvate kinase PKM-like [<i>Cricetulus griseus</i> (Chinese hamster)]
Official Symbol	LOC100758090
Synonyms	LOC100758090; pyruvate kinase PKM-like;
Gene ID	100758090
UniProt ID	G3HYJ2

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