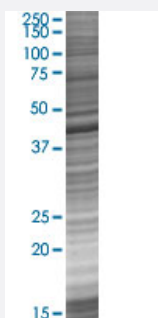


CKM 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001158-T01

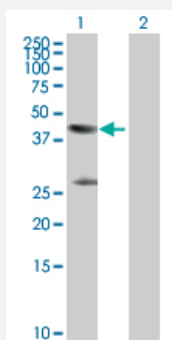
Size 100 uL

Applications



SDS-PAGE Gel

CKM transfected lysate.



Western Blot

Lane 1: CKM transfected lysate (43.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CKM full-length

Host Human

Theoretical MW (kDa) 43.1

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CKM antibody ([H00001158-D01P](#)) by Western Blots.

SDS-PAGE Gel

CKM transfected lysate.

Western Blot

Lane 1: CKM transfected lysate (43.10 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CKM

Entrez GeneID	1158
GeneBank Accession#	BC007462
Protein Accession#	AAH07462.1
Gene Name	CKM
Gene Alias	CKMM, M-CK
Gene Description	creatine kinase, muscle
Omim ID	123310
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in striated muscle as well as in other tissues, and as a heterodimer with a similar brain isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family. [provided by RefSeq]
Other Designations	creatine kinase M chain creatine kinase-M muscle creatine kinase

Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)

Disease

- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Task Performance and Analysis](#)