

Mouse PKM2 Protein

Cat. No. PKM-MB102



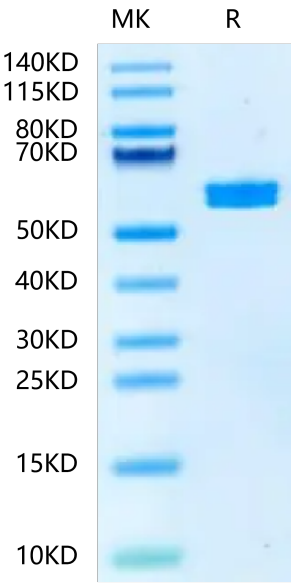
Description	
Source	Recombinant Mouse PKM2 Protein is expressed from Baculovirus-Insect Cells(Sf9) with His tag at the N-terminus. It contains Pro2-Pro531.
Accession	NP_001240812.1
Molecular Weight	The protein has a predicted MW of 58.95 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in 20mM Tris, 500mM NaCl (pH 7.0). Normally 8% mannitol is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
Pyruvate kinase M2 (PKM2), a key rate-limiting enzyme of glycolysis, is a critical regulator in tumor metabolism. PKM2 has been demonstrated to overexpressed in various cancers and promoted proliferation and metastasis of tumor cells.	

Assay Data

Bis-Tris PAGE



Mouse PKM2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.