Datasheet for ABIN7313186

PFKM Protein (AA 2-780) (His tag)

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Overview

Quantity:	50 µg
Target:	PFKM
Protein Characteristics:	AA 2-780
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFKM protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human PFKM Protein is produced by our mammalian expression system and the target gene encoding Thr2-Val780 is expressed with a 6His tag at the C-terminus.
Sequence:	THEEHHAAKT LGIGKAIAVL TSGGDAQGMN AAVRAVVRVG IFTGARVFFV HEGYQGLVDG GDHIKEATWE SVSMMLQLGG TVIGSARCKD FREREGRLRA AYNLVKRGIT NLCVIGGDGS LTGADTFRSE WSDLLSDLQK AGKITDEEAT KSSYLNIVGL VGSIDNDFCG TDMTIGTDSA LHRIMEIVDA ITTTAQSHQR TFVLEVMGRH CGYLALVTSL SCGADWVFIP ECPPDDDWEE HLCRRLSETR TRGSRLNIII VAEGAIDKNG KPITSEDIKN LVVKRLGYDT RVTVLGHVQR GGTPSAFDRI LGSRMGVEAV MALLEGTPDT PACVVSLSGN QAVRLPLMEC VQVTKDVTKA MDEKKFDEAL KLRGRSFMNN WEVYKLLAHV RPPVSKSGSH TVAVMNVGAP AAGMNAAVRS TVRIGLIQGN RVLVVHDGFE GLAKGQIEEA GWSYVGGWTG QGGSKLGTKR TLPKKSFEQI SANITKFNIQ GLVIIGGFEA YTGGLELMEG RKQFDELCIP FVVIPATVSN NVPGSDFSVG ADTALNTICT TCDRIKQSAA GTKRRVFIIE TMGGYCGYLA TMAGLAAGAD AAYIFEEPFT

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Product Details

	IRDLQANVEH LVQKMKTTVK RGLVLRNEKC NENYTTDFIF NLYSEEGKGI FDSRKNVLGH MQQGGSPTPF DRNFATKMGA KAMNWMSGKI KESYRNGRIF ANTPDSGCVL GMRKRALVFQ PVAELKDQTD FEHRIPKEQW WLKLRPILKI LAKYEIDLDT SDHAHLEHIT RKRSGEAAVV DHHHHHH
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	PFKM
Alternative Name:	PFKM (PFKM Products)
Gene ID:	5213
UniProt:	P08237
Pathways:	Positive Regulation of Peptide Hormone Secretion, Negative Regulation of Hormone Secretion, Carbohydrate Homeostasis, Warburg Effect

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied as a 0.2 µM filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.