

Datasheet for ABIN7556270
PFKP Protein (AA 1-784) (His tag)



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Overview

Quantity:	1 mg
Target:	PFKP
Protein Characteristics:	AA 1-784
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFKP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pfkp Protein expressed in mammalien cells.
Sequence:	<p>MSDL DSSSSS AYPKYLEHLS GDGKAIGVLT SGGDAQGMNA AVR A VVRMGI YTGAKVYFIY</p> <p>EGYQGLVDGG SNIVEAKWDC VSSILQVGGT IIGSARCKAF RSREGRLKAA CNLARLGITN</p> <p>LCVIGGDGSL TGANLFRKEW SGLLEELARN GDIDNDTVQK YSYLNVVGMV GSIDNDFCGT</p> <p>DMTIGTDSAL HRIIEVDAI MTTAQSHQRT FVLEVMGRHC GYLALVSALT CGADWWFLPE</p> <p>SPPEEDWEEN MCLKLSENRA RKKRLNIIIV SEG AIDMQNK PITSEKIKEL VVKNLGF DTR</p> <p>VTILGHVQRG GTPSAFDRIL ASRMGVEAVI ALLEATPETP ACV VSLRGNQ AVRLPLMECV</p> <p>QMTQDVQKAM DERRFKEAVK LRGRRFEGNL NTYKRLAIKL PDEKIVKSNC NVAVINVGAP</p> <p>AAGMNA AVRS AVR VGIADGH KMFAIYDGE GFANGQIKEI GWADVGGWTG QGGSILGTRK</p> <p>TLPGKYLEKI AEQMHSIN ALLIIGGFEA YLGLLELAAA REKHEAFCVP MVMVPATVSN</p> <p>NVPGSDFSIG ADTALNTITD TCDRIQSAS GTKRRVFIE TMGGYCGYLA NMGALAAGAD</p> <p>AAYIFEFPD IGD LQSNVVH LTEKMKTSIQ RGLVLRNESC SVNYTTDFIY QLYSEEGKGV</p>

FDCRKNVLGH MQQGGAPSPF DRNFGTKISA KAMEWISAKL KGSQGTGKKF VSDDSIKVLG
ICKRDLLFQP VAEKKKVTDF EHRIPKEQWW LKLRPIMKIL AKYEASYDMS DSGKLESLQH HEEL

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PFKP

Alternative Name:

Pfkp ([PFKP Products](#))

Background:

ATP-dependent 6-phosphofructokinase, platelet type (ATP-PFK) (PFK-P) (EC 2.7.1.11) (6-phosphofructokinase type C) (Phosphofructo-1-kinase isozyme C) (PFK-C) (Phosphohexokinase),FUNCTION: Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.

Molecular Weight:

85.5 kDa

UniProt:

[Q9WUA3](#)

Pathways:

[Warburg Effect](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months