

32-8420: Recombinant Human Phosphofructokinase 1/PFKM/PFKX (C-6His)

Gene : PFKM
Gene ID : 5213
Uniprot ID : P08237

Description

Source: Human Cells.
MW :86.1kD.

Recombinant Human PFKM is produced by our Mammalian expression system and the target gene encoding Thr2-Val780 is expressed with a 6His tag at the C-terminus. 6-phosphofructokinase, muscle type is a muscle-type isozyme that in humans is encoded by the PFKM gene. It belongs to the phosphofructokinase family and Two domains subfamily. PFKM functions as subunits of the mammalian tetramer phosphofructokinase, which catalyzes the phosphorylation of fructose-6-phosphate to fructose-1,6-bisphosphate. PFK1 converts fructose 6-phosphate and ATP into fructose 1,6-bisphosphate (through PFK-1), fructose 2,6-bisphosphate (through PFK-2) and ADP.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : THEEHHAAKTLGIGKAIAVLTSGGDAQGMNAAVRAVVRVGIFTGARVFFVHEGYQGLVDGGDHIKEATWESVS
MMLQLGGTVIGSARCKDFREREGRLRAAYNLVKGITNLCVIGDGS�TGADTFRSEWSDLLSDLQKAGKITD
EEATKSSYLNIVGLVGSIDNDFCGTDMTIGTDSALHRIMEIVDAITTAQSHQRTFVLEVMGRHCGYLALVTSLS
CGADWVFIPECPPDDDDWEEHLCRRLSETRTRGSRLNIIIVAEGAIDKNGKPITSEDIKNLVVKRLGYDTRVTVLG
HVQRGGTPSAFDRLGSRMGVEAVMALLEGTPDTPACVVSLSGNQAVRLPLMECVQVTKDVTKAMDEKKFDE
ALKLRGRSFMNNWEVYKLLAHVRPPVSKSGSHTVAVMNVGAPAAAGMNAAVRSTVRIGLIQGNRVLVHDGFE
GLAKGQIEEAGWSYVGGWTGQGGSKLGTKRTLPKKSFEQISANITKFNIQGLVIIGGFAYTGGLELMEGRKQF
DELCPFVVIPATVSNNVPGSDFSVGADTALNTICTTCDRIKQSAAGTKRRVFIIETMGGYCGYLATMAGLAAGA
DAAYIFEEPFTIRDLANVEHLVQKMKTTVKRGLVLRNEKCNENYTTDFIFNLYSEEGKGFIDSRKNVLGHMQQ
GGSPTPFDRNFATKMGAKAMNWMMSGKIKESYRNGRIFANTPDSGCVLGMRKRALVFQPV AELKDQTD FEHRI
PKEQWWLKLRLPILKILAKYEIDLDTSDHAHLEHITRKRSGEAAVVDHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.