

Product Datasheet

Recombinant Human Muscle Phosphofructokinase/PFKM/PFK-1 His Protein NBP1-44494

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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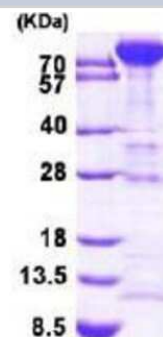
NBP1-44494**Recombinant Human Muscle Phosphofructokinase/PFKM/PFK-1 His Protein**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 5mM DTT, 0.2 M NaCl, and 20% glycerol
Target Molecular Weight	87.3 kDa
Product Description	
Description	A recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-780 of Human Muscle Phosphofructokinase/PFKM/PFK-1 Source: <i>E.coli</i> Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MTHEEHHAAK TLGIGKAIIV LTSGGDAQGM NAAVRVV RV GIFTGARVFF VHEGYQGLVD GGDHIKEATW ESVSMMLQLG GTVIGSARCK DFREREGRLR AAYNLVKRGI TNLCVIGGDG SLTGADTFRS EWSDLLSDLQ KAGKITDEEA TKSSYLNVIG LVGSIDNDFC GTDMTIGTDS ALHRIMEIVD AITTTAQSHQ RTFVLEVMGR HCGYLALVTS LSCGADWVFI PECPPDDWE EHLCRRLSET RTRGSRLNII IVAEGAIDKN GKPITSEDIK NLVVKRLGYD TRVTVLGHVQ RGGTPSAFDR ILGSRMGVEA VMALLEGTPD TPACVVSLSG NQAVRLPLME CVQVT KDVT K AMDEKKFDEA LKLRGRSFMN NWEVYKLLAH VRPPVSKSGS HTVAVMNVGA PAAGMNAAVR STVRIGLIQG NRVLVVDHGF EGLAKGQIEE AGWSYVGGWT GQGGSKLGTK RTLPKKSFEQ ISANITKFNI QGLVIIGGFE AYTGGLELME GRKQFDEL CI PFVVIPATVS NNVP GSDFSV GADTALNTIC TTC DRIKQSA AGTKRRVFII ETMGGYCGYL ATMAGLAAGA DAAYIFEEPF TIRDLQANVE HLVQKMKT TV KRGLVLRNEK CNENYTTDFI FNLYSEEGKG IFDSRKNV LG HMQQGGSPTP FDRNFATKMG AKAMNWMMSGK IKESYRNGRI FANTPDSGCV LGMRKRALVF QPVAELKDQT DFEHRIPKEQ WWLKL RPILK ILAKYEIDLD TSDHAHLEHI TRKRSGEAAV
Gene ID	5213
Gene Symbol	PFKM
Species	Human
Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page



Images

SDS-Page: Recombinant Human Muscle Phosphofructokinase/PFKM/PFK-1 Protein [NBP1-44494] - PFKM, 87.3 kDa (800aa), confirmed by MALDI-TOF with a purity of 80% by SDS - PAGE



15% SDS-PAGE (3ug)

Publications

Park DI, Novak B, Yan Y et al. Paroxetine binding and activation of phosphofructokinase implicates energy metabolism in antidepressant mode of action J Psychiatr Res 2020-06-06 [PMID: 32540574]

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Products Related to NBP1-44494

NBP1-87293PEP	Muscle Phosphofructokinase/PFKM/PFK-1 Recombinant Protein Antigen
NB110-39113	Glut1 Antibody - BSA Free
NBP2-75578	Muscle Phosphofructokinase/PFKM/PFK-1 Antibody (JU53-31)
MAB1417	Insulin Antibody (182410) [Unconjugated]

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