

Phosphofructokinase Recombinant Protein | PFKP recombinant protein

Recombinant Phosphofructokinase, Platelet (PFKP)

CATALOG # AAA144426	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Phosphofructokinase; Recombinant Phosphofructokinase; Platelet (PFKP); PFKP recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	8.8 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-D TALNTITDTC DRIKQSASGT KRRVFIETM GGYCGYLANM GGLAAGADAA YIFEEPDIR DLQSNVEHLT EKMKTITQIRG LVLRNESCSE NYTTDFIYQL YSEEGKGVFD CRKNVLGHMQ QGGAPSPFDR NFGTKISARA MEWITAKLKE ARGRGKKFTT DDSICVLGIS KRNVIQFPA ELKKQTDfeh RIPKEQWWLK
Sequence Length	349
Applicable Applications for PFKP recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	26.6kDa
Accurate Molecular Mass (KD)	26kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Homo sapiens (Human)
Fragment	Asp553~Lys753
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	627777927
Molecular Weight	37,678 Da
NCBI Official Full Name	phosphofructokinase
UniProt Protein Name	Phosphofructokinase
UniProt Gene Name	RradSPS_1865
UniProt Entry Name	A0A023X490_9ACTN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rradsp-1865-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144426>