

# Product Datasheet

## Recombinant Human PFKP GST (N-Term) Protein H00005214-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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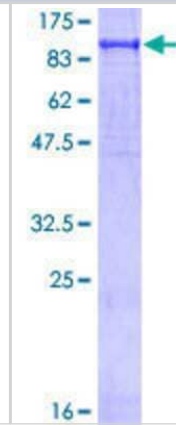
**H00005214-P01-10ug****Recombinant Human PFKP GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	111.87 kDa
<b>Product Description</b>	
<b>Description</b>	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-784 of Human PFKP</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MDADDSRAPKGSRLRKFLHLSGAGKAIGVLTSGGDAQGMNAAVRVVRMGIY  VGAKVYFIYEGYQGMVDGGSNIAEADWESVSSILQVGGTIIGSARCQAFRTRE  GRLKAACNLLQRGITNLCVIGGDGSLTGANLFRKEWSGLLEELARNGQIDKEAV  QKYAYLNVVGMVGSIDNDFCGTDMTIGTDSALHRIIEVVDAIMTTAQSHQRTFV  LEVMMGRHCGYLALVSALACGADWVFLPESPPEEGWEEQMCVKLSENRRKK  RLNIIIVAEGAIDTQNKPIITSEKIKELVVTQLGYDTRVTILGHVQRGGTPSAFDRIL  ASRMGVEAVIALLEATPDTPACVVS LN GNH A VRLPLMECVQMTQDVQKAMDE  RRFQDAVRLRGRSFAGNLNTYKRLAIKL PDDQIPKTN CNVAVINVGAPAAAGMN  AAVRS AVR VG IADGHRMLAIYDGFDFGFAKGQIKEIGWTDVGGWTGQGGSGILGT  KRVLP GKYLEE IATQMRTHSINALLIIGGFEAYLGLLELSAAREKHEEFCVPMVM  VPATVSNNVPGSDFSIGADTALNTITDTC DRIKQSASGTRRRVFIIETMGGYCGY  LANMGG LAAGADAAYIFEFPDIRDLQSNVEHLTEKMKT TIQRGLVLRNESCSE  NYTTDFIYQLYSEEGKGVFDCRKNVLGHMQQGGAPSPFDRNFGTKISARAME  WITAKLKEARGRGKKFTTDD SICVLGISKRN VIFQPV AELKKQTD FEHRIPKEQW  WLKLRPLMKILAKYKASYDVSDSGQLEHVQPWSV</p>
<b>Gene ID</b>	5214
<b>Gene Symbol</b>	PFKP
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



## Images

12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Chen C, Liao D, Wang J et al. Anti-human protein S antibody induces tissue factor expression through a direct interaction with platelet phosphofructokinase. Thromb Res. 2013-11-16 [PMID: 24331211] (WB)



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### **Products Related to H00005214-P01-10ug**

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NBP1-92256PEP	PFKP Recombinant Protein Antigen
NB100-105	HIF-1 alpha Antibody (H1alpha67)
NBP2-01539	PFKP Antibody (OT11D6)
NB300-109	Tyrosine Hydroxylase Antibody

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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