

# Product Datasheet

## Recombinant Human Pyruvate Dehydrogenase E1 beta subunit GST (N-Term) Protein H00005162-Q01-10ug

Unit Size: 10 ug

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

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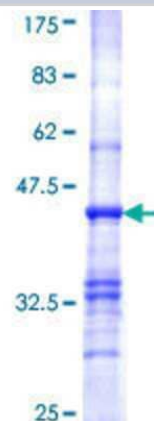


**H00005162-Q01-10ug****Recombinant Human Pyruvate Dehydrogenase E1 beta subunit GST (N-Term) Protein**

<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>	37.84 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 250-359 of Human Pyruvate Dehydrogenase E1 beta subunit</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  LEAAAVLSKEGVECEVINMRTIRPMDMETIEASVMKTNHLVTVEGGWPQFGVG  AEICARIMEGPAFNFLDAPAVRVTGADVMPYAKILEDNSIPQVKDIIFAIKKTLNI</p>
<b>Gene ID</b>	5162
<b>Gene Symbol</b>	PDHB
<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, SDS-Page, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification

**Images**

SDS-Page: Recombinant Human Pyruvate Dehydrogenase E1 beta subunit Protein [H00005162-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.





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### **Products Related to H00005162-Q01-10ug**

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H00005162-P01-10ug	Recombinant Human Pyruvate Dehydrogenase E1 beta subunit GST (N-Term) Protein
NB110-93479	Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody - BSA Free
NBP2-38327	Pyruvate Dehydrogenase E1 beta subunit Antibody
AF1458	HTRA2/Omi Antibody [Unconjugated]

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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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