

# Product Datasheet

## Recombinant Human Aldehyde dehydrogenase 5 GST (N-Term) Protein

**H00000219-P01-10ug**

Unit Size: 10 ug

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

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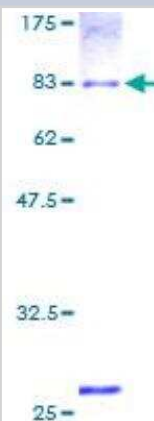
**H00000219-P01-10ug****Recombinant Human Aldehyde dehydrogenase 5 GST (N-Term) Protein**

<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>	82.61 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-517 of Human ALDH1B1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MLRFLAPRLLSLQGRTARYSSAAALPSPILNPDIPYNQLFINNEWQDAVSKKTFP  TVNPTTGEVIGHVAEGDRADVDRVKAAREAFRLGSPWRRMDASERGRLLNL  LADLVERDRVYLASLETLDNGKPFQESYALDLDEVIKVYRYFAGWADKWHGKT  IPMDGQHFCFTRHEPVGVCGQIIPWNFPLVMQGWKLAPALATGNTVVMKVAE  QTPLSALYLASLIKEAGFPPGVVNIITGYGPTAGAAIAQHMDVDKVAFTGSTEVG  HLIQAAGDSNLKRVTLLELGGKSPSIVLADADMEHAVEQCHEALFFNMGQCCC  AGSRTFVEESIYNEFLERTVEKAKQRKVGNPFELDTQQGPQVDKEQFERVLGY  IQLGQKEGAKLLCGGERFGERGFFIKPTVFGGVQDDMRIAKEEIFGPVQPLFKF  KKIEEVVERANNTRYGLAAAVFTRDLDKAMYFTQALQAGTVVWNTYNIVTCHT  PFGGFKESGNGRELGEDGLKAYTEVKTIVIKVPQKNS</p>
<b>Gene ID</b>	219
<b>Gene Symbol</b>	ALDH1B1
<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

SDS-Page: Recombinant Human Aldehyde dehydrogenase 5 Protein [H00000219-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.





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### **Products Related to H00000219-P01-10ug**

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NBP1-90192PEP	Aldehyde dehydrogenase 5 Recombinant Protein Antigen
AF5869	Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [Unconjugated]
NBP1-90192	Aldehyde dehydrogenase 5 Antibody
NBP2-37397	ALDH2 Antibody (4G6A3) - BSA Free

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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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