

# Product Datasheet

## Recombinant Human Claudin-8 GST (N-Term) Protein H00009073-P01-2ug

Unit Size: 2 ug

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

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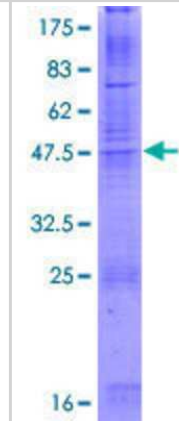
**H00009073-P01-2ug****Recombinant Human Claudin-8 GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	2 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>	51.2 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-225 of Human CLDN8</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MATHALEIAGLFLGGVGMVGTVAVTVMQPQWRVSAFIENNIVVFENFW EGLWM  NCVRQANIRMQCKIYDSLLALSPDLQAARGLMCAASVMSFLAFMMAILGMKCT  RCTGDNEKVKAHILLTAGIIFITGMVVLIPVSWVANAIIRDFYNSIVNVAQKRELG  EALYLGWTTALVLIVGGALFCCVFCCNEKSSSYRYSIPSHRTTQKSYHTGKKSP  SVYSRSQYV</p>
<b>Gene ID</b>	9073
<b>Gene Symbol</b>	CLDN8
<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

Irshad S, Delara E, Aileen H et al. *Campylobacter jejuni* Serine Protease HtrA Cleaves the Tight Junction Component Claudin-8. *Front Cell Infect Microbiol*. 2020-12-08 [PMID: 33364202]

Tegtmeyer N, Wessler S, Necchi V et al. *Helicobacter pylori* Employs a Unique Basolateral Type IV Secretion Mechanism for CagA Delivery. *Cell Host Microbe* 2017-10-11 [PMID: 29024645]



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### **Products Related to H00009073-P01-2ug**

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NBP2-34137PEP	Claudin-8 Recombinant Protein Antigen
AF748	E-Cadherin Antibody [Unconjugated]
NBP1-59157	Claudin-8 Antibody
NB300-223	Vimentin 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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