

# Product Datasheet

## Recombinant Human Complement C4b GST (N-Term) Protein

**H00000721-Q02-10ug**

Unit Size: 10 ug

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

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**H00000721-Q02-10ug****Recombinant Human Complement C4b GST (N-Term) Protein**

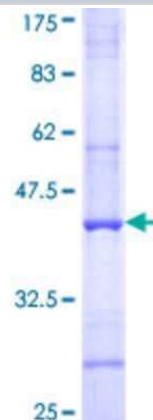
Product Information	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.

Product Description	
<b>Description</b>	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acids 1-100 of Human C4B</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  VRSFFPENWLWRVETVDRFQILTLWLPDSLTTWEIHGLSLSKTKGLCVATPVQL  RVFREFHLHLRLPMSVRRFEQLELRPVLYNYLDKNLTVSVHVSPVE</p>
<b>Gene ID</b>	721
<b>Gene Symbol</b>	C4B
<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.

Product Application Details	
<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 Complement C4b Protein [H00000721-Q02] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Y Zhou, WM Song, PS Andhey, A Swain, T Levy, KR Miller, PL Poliani, M Cominelli, S Grover, S Gilfillan, M Cella, TK Ulland, K Zaitsev, A Miyashita, T Ikeuchi, M Sainouchi, A Kakita, DA Bennett, JA Schneider, MR Nichols, SA Beausoleil, JD Ulrich, DM Holtzman, MN Artyomov, M Colonna Human and mouse single-nucleus transcriptomics reveal TREM2-dependent and TREM2-independent cellular responses in Alzheimer's disease Nat. Med., 2020-01-13;26(1):131-142. 2020-01-13 [PMID: 31932797]





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### **Products Related to H00000721-Q02-10ug**

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H00000721-Q01-10ug	Recombinant Human Complement C4b GST (N-Term) Protein
MAB25031	CFTR Antibody (24-1) [Unconjugated] - C-terminus
H00000721-M03	Complement C4b Antibody (1F2) - Azide and BSA Free
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum

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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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