

Product Datasheet

Recombinant Mouse Complement C3 GST (N-Term) Protein

P3343-10ug

Unit Size: 10 ug

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

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Publications: 1

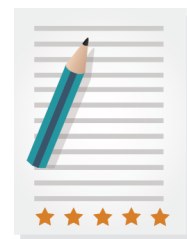
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Updated 10/23/2024 v.20.1

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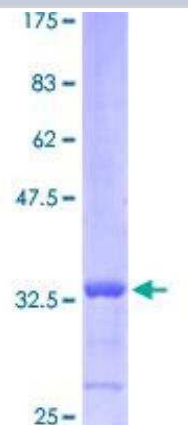


P3343-10ug**Recombinant Mouse Complement C3 GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% SDS-PAGE
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	34.1 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 671-747 of Mouse C3</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: SVQLMERRMDKAGQYTDKGLRKCCEDGMRDIPMRYSCQRRARLITQGENCIK AFIDCCNHITKLREQHRRDHVGLA</p>
Gene ID	718
Gene Symbol	C3
Species	Mouse
Preparation Method	in vitro wheat germ expression system
Details of Functionality	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.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Mouse Complement C3 Protein [P3343] -
12.5% SDS-PAGE Stained with Coomassie Blue



Publications

Ying Wang, Vivek Nanda, Daniel Direnzo, Jianqin Ye, Sophia Xiao, Yoko Kojima, Kathryn L. Howe, Kai-Uwe Jarr, Alyssa M. Flores, Pavlos Tsantilas, Noah Tsao, Abhiram Rao, Alexandra A. C. Newman, Anne V. Eberhard, James R. Priest, Arno Ruusalepp, Gerard Pasterkamp, Lars Maegdefessel, Clint L. Miller, Lars Lind, Simon Koplev, Johan L. M. Björkegren, Gary K. Owens, Erik Ingelsson, Irving L. Weissman, Nicholas J. Leeper Clonally expanding smooth muscle cells promote atherosclerosis by escaping efferocytosis and activating the complement cascade *Proceedings of the National Academy of Sciences of the United States of America* 2020-07-07 [PMID: 32541024]



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Products Related to P3343-10ug

H00000718-Q01-10ug	Recombinant Human Complement C3 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NB200-540	Complement C3 Antibody (11H9) - BSA Free
M6000B-1	IL-6 [HRP]

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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