

# Product Datasheet

## Recombinant Human CD20 GST (N-Term) Protein H00000931-P01-25ug

Unit Size: 25 ug

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

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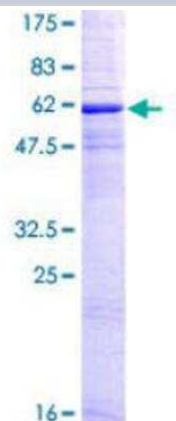
**H00000931-P01-25ug****Recombinant Human CD20 GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	25 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>	58.41 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-297 of Human MS4A1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>            MTTPRNSVNGTFPAEPMKGPIAMQSGPKPLFRMSSLVGPTQSFFMRESKTL            GAVQIMNGLFHIALGGLLMIPAGIYAPICVTWYPLWGGIMYIISGSLLAATEKNS            RKCLVKGKMIMNSLSLFAAISGMILSIMDILNIKISHFLKMESLNFIRAHTPYINIYN            CEPANPSEKNPSTQYCYISQSLFLGILSVMLIFAFFQELVIAGIVENEWKRTCS            RPKSNIVLLSAEEKKEQTIEIKEEVVGLTETSSQPKNEEDIEIPIQEEEEETETN            FPEPPQDQESSPIENDSSP</p>
<b>Gene ID</b>	931
<b>Gene Symbol</b>	MS4A1
<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 MS4A1/CD20 Protein [H00000931-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Nasir S, Shahryar N, Zhanjun G et al. Isolation and characterization of human anti-CD20 single-chain variable fragment (scFv) from a Naive human scFv library. *Med Oncol.* 2022-08-23 [PMID: 35999405]

Chen K, Page JG, Schwartz AM et al. False-positive immunogenicity responses are caused by CD20+ B cell membrane fragments in an anti-ofatumumab antibody bridging assay. *J Immunol Methods.* 2013-04-29 [PMID: 23639298]



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### **Products Related to H00000931-P01-25ug**

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NBP2-61455-10ug	Recombinant Human CD20 His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-43435-0.1mg	CD20 Antibody (AISB12) - BSA Free
AF114	CD45 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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