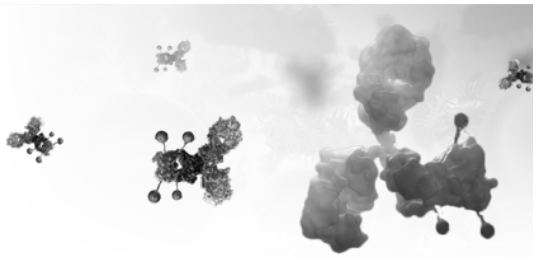

Human CD20 (aa 213 - 297) [His] (DAG-CL002)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.
Specificity	A DNA sequence encoding the human CD20 (NP_068769.2) (Glu213-Pro297) was expressed, with an N-terminal polyhistidine tag.
Species	Human
Purity	> 83 % as determined by SDS-PAGE
Conjugate	His
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Format	Lyophilized from sterile PBS, pH 7.4 1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. 2. Please contact us for any concerns or special requirements.
Preservative	None
Storage	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

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Gene Name	MS4A1 membrane-spanning 4-domains, subfamily A, member 1 [Homo sapiens (human)]
Official Symbol	MS4A1
Synonyms	MS4A1; membrane-spanning 4-domains, subfamily A, member 1; B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16; B-lymphocyte antigen CD20; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1;
Entrez Gene ID	931
mRNA Refseq	NM_021950.3
Protein Refseq	NP_068769.2
UniProt ID	P11836
Chromosome Location	11q12
Pathway	Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem;
Function	MHC class II protein complex binding; epidermal growth factor receptor binding;

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