

Membrane spanning 4-domains A1 (MS4A1) Recombinant Protein | MS4A1 recombinant protein

Recombinant Macaca fascicularis Membrane spanning 4-domains A1 (MS4A1)-VLPs (Active)

CATALOG # AAA279276	HOST Mammalian cell
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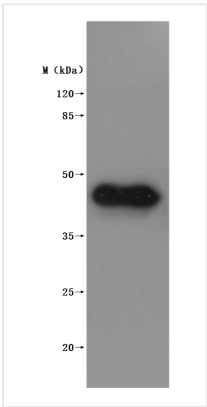
PRODUCT SYNONYMS

Membrane spanning 4-domains A1 (MS4A1); Recombinant Macaca fascicularis Membrane spanning 4-domains A1 (MS4A1)-VLPs (Active); Membrane spanning 4-domains A1; Membrane-spanning 4-domains subfamily A member 1; MS4A1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	The purity information is not available for VLPs proteins.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH 7.4
Sequence Positions	1-297aa; Full Length
Sequence	MTTPRNSVNG TFPAEPMKGP IAMQPGPKPL LRRMSSLVGP TQSFFMRESK ALGAVQIMNG LFHIALGGLL MIPAGIYAPI CVTVWYPLWG GIMYIISGSL LAATEKNSRK CLVKGKMIMN SLSLFAAISG MILSIMDILN IKISHFLKME SLNFIRVHTP YINIYNCEPA NPSEKNSPST QYCYSIQSLF LGILSVMLIF AFFQELVIAG IVENEWRRTC SRPKSSVLL SAEKKEQVI EIKEEVVGLT ETSSQPKNEE DIEIPIQEE EEEETETNFP EPPQDQESSP IENDSSP
Species	Macaca fascicularis (Crab-eating macaque)(Cynomolgus monkey)
Tag	C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions)
Research Area	Cancer Less than 1.0 EU/ug as determined by LAL method.
Transmembrane Domain	4TM
Biological_Activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CD20 at 10 ug/mL can bind Anti-CD20 recombinant antibody, the EC50 is 10.65-15.26 ng/mL. The VLPs is negative control.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80 degree C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing. The VLPs are expressed from human 293 cells (HEK293). Mix the sample gently by repeatedly pipetting it up and down. Do not vortex. Repeated freezing and thawing is not recommended. Store the protein at -20 degree C/-80 degree C upon receiving it, and ensure to avoid repeated freezing and thawing, otherwise, it will affect the protein activity. The immunization strategy should be optimized (antigen dose, regimen and adjuvant).

IMAGES



Application Data
is detected by Mouse anti-6*His monoclonal antibody.

ADDITIONAL INFORMATION

Product Categories/Family for MS4A1 recombinant protein	MP-VLP Transmembrane Protein & Active Protein & In Stock Protein
References	"Novel humanized anti-CD20 antibody BM-ca binds to a unique epitope and exerts stronger cellular activity than others."Kobayashi H., Matsunaga Y., Uchiyama Y., Nagura K., Komatsu Y.Cancer Med. 2:130-143(2013)

NCBI AND UNIPROT INFORMATION

UniProt Accession #	M4ZHZ6
Molecular Weight	34.4kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/membrane-spanning-4-domains-a1-ms4a1-recombinant-protein-mammalian-cell/279276>