

G protein-coupled receptor 20 (GPR20)-VLPs Recombinant Protein | GPR20 recombinant protein

Recombinant Macaca fascicularis G protein-coupled receptor 20 (GPR20)-VLPs (Active)

CATALOG # AAA279399	HOST Mammalian cell
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PRODUCT SYNONYMS

G protein-coupled receptor 20 (GPR20)-VLPs; Recombinant Macaca fascicularis G protein-coupled receptor 20 (GPR20)-VLPs (Active); GPR20 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 0.2um sterile filtered PBS, 6% Trehalose, pH 7.4
Sequence	MPSVSPVGPS AGAVPNATAV TTVWNTASGL EVPLFHLFAR LDEELHGTFP GLWLALMAVH GAIFLVGLVL NGLALYVFC RTQAKTPSVI YTINLVVTDL LVGLSLPTRF AVYYGARGCL HCAFPVHLGY FLNMHCSILF LTCICVDRYL AIVRPEGSRR CRQPACARAV CAFVWLAAGA VTLSVLGMTG GRPCCRVFAL TVLEFLLPLL VISVFTGRIM CALSRPGLLR QGRQRRVRAM QLLLTVLIIF LVCFTPFHAR QVAVALWPDM PHHASLVVYH VAVTLSSLNS CMDPIVYCFV TSGFQATVRG LFGQHRGERE PSSGDVSMH RSSKGSGRHH ILSAGPHALT QALANGPEA
Sequence Length	1-359aa; Full Length
Species	Macaca fascicularis (Crab-eating macaque)(Cynomolgus monkey)
Tag	C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions)
Transmembrane Domain	7TM
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Reconstitution	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.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis GPR20 at 10ug/mL can bind Anti-GPR20 recombinant antibody. The EC50 is 3.549-6.542ng/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. Notes: 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

Detected by Mouse anti-6*His monoclonal antibody.(This tag can be tested only under denaturing conditions.



Bioactivity

ADDITIONAL INFORMATION

Product Categories/Family for GPR20 recombinant protein	Signal Transduction
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NCBI AND UNIPROT INFORMATION

Molecular Weight	40.2kDa
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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/g-protein-coupled-receptor-20-gpr20-vlps-recombinant-protein-mammalian-cell/279399>