

lymphocyte antigen 6 family member G6D (LY6G6D) Active Protein | LY6G6D active protein

Recombinant Macaca fascicularis lymphocyte antigen 6 family member G6D (LY6G6D)(Active)

CATALOG #
AAA279242

HOST
Yeast

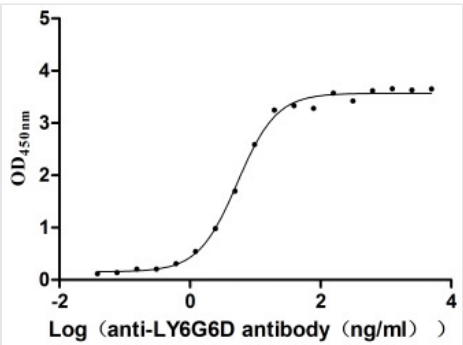
PRODUCT SYNONYMS

lymphocyte antigen 6 family member G6D (LY6G6D); Recombinant Macaca fascicularis lymphocyte antigen 6 family member G6D (LY6G6D)(Active); LY6G6D active protein

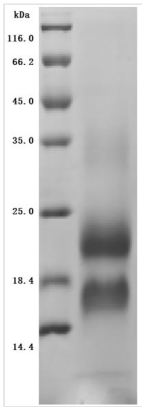
PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Sequence Positions	20-104aa; Full Length of Mature Protein
Sequence	NRMRCYNCGG SPSSSCKEAV TTCGEGRPQP GLEQIKLPGN PPVTLIHQHP ACVAARHCNQ VETESVGDTV YPAHRDCYLG DLCNS\$
Species	Macaca fascicularis (Crab-eating macaque)(Cynomolgus monkey)
Tag	N-terminal 6xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Research Area	Cancer
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis LY6G6D at 2 ug/mL can bind Anti-LY6G6D recombinant antibody, the EC50 is 3.963-7.154 ng/mL.
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. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. 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. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

IMAGES



Bioactivity
Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis LY6G6D at 2 ?g/mL can bind Anti-LY6G6D recombinant antibody, the EC50 is 3.963-7.154 ng/mL



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for LY6G6D active protein	Active Protein & In Stock Protein
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NCBI AND UNIPROT INFORMATION

Molecular Weight	11.1kDa
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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/yeast-active-protein/lymphocyte-antigen-6-family-member-g6d-ly6g6d/279242>