

## LY6G6D Protein, Cynomolgus, Recombinant (Yeast, His)

### General Information

Protein Construction:	20-104 aa
Species:	Cynomolgus
Expression Host:	P. pastoris (Yeast)
Accession:	UJY53414.1
Molecular Weight:	11.1 kDa (predicted)
AA Sequence:	NRMRCYNCGGSPSSSCKEAVTTCGEGRPQPGLEQIKLPGNPPVTLIHQHPACVAARHCNQVETESVGDVTYP AHRDCYLGLDCNS

### QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis LY6G6D at 2 µg/mL can bind Anti-LY6G6D recombinant antibody, the EC50 is 3.963-7.154 ng/mL.
Purity:	> 95% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481