

LY6G6D Protein, Mouse, Recombinant (His)

General Information

Synonyms:	Lymphocyte antigen 6 complex locus protein G6d;Ng25;Ly6g6d
Protein Construction:	20-108 aa
Species:	Mouse
Expression Host:	P. pastoris (Yeast)
Accession:	Q9Z1Q3
Molecular Weight:	11.1 kDa (Predicted)
AA Sequence:	HRTRCYDCGGGPSNSCKQTVITCGEGERCGLDRKPQPSSEQAKQPSATLSHHYPACVATHHCNQVAIESVG DVTFTTQKNCCFGDLN

QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized Mouse Ly6g6d at 2 µg/mL can bind Anti-LY6G6D recombinant antibody (CSB-RA013246MA2HU). The EC50 is 1.159-2.305 µg/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 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 250mM Imidazole 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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