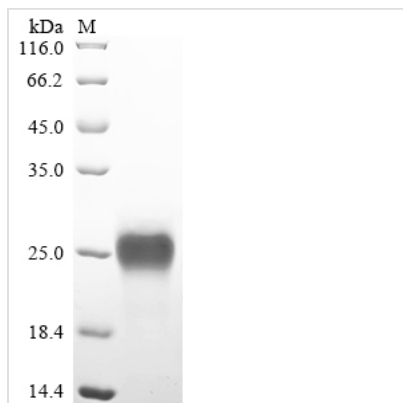


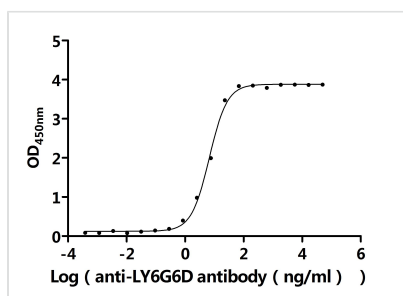


Recombinant Rat Lymphocyte antigen 6 complex locus protein G6d (Ly6g6d) (Active)

Product Code	CSB-YP750592RA
Abbreviation	Recombinant Rat Ly6g6d protein (Active)
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6MG58
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Product Type	Recombinant Rat Lymphocyte antigen 6 complex locus protein G6d(Ly6g6d)
Immunogen Species	Rattus norvegicus (Rat)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rat Ly6g6d at 2 µg/mL can bind Anti-Ly6g6d recombinant antibody (CSB-RA013246MA4MO). The EC50 is 6.238-7.258 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	QRMRCYDCGGGPSNSCKQTVITCGEGERCGLDRKPQPSSEQAKQPSATLS HHYPACVATHHCNQAIESVGDVTFITQKNCCFGDLN
Research Area	Cell Biology
Source	Yeast
Target Names	Ly6g6d
Expression Region	20-108aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	11.7 kDa
Protein Length	Full Length of Mature Protein
Image	

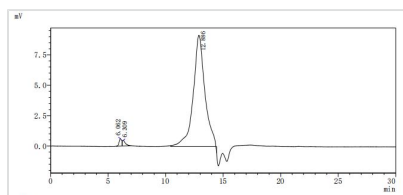


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity

Measured by its binding ability in a functional ELISA. Immobilized Rat Ly6g6d at 2 µg/ml can bind Anti-Ly6g6d recombinant antibody (CSB-RA013246MA4HU). The EC₅₀ is 6.238-7.258 ng/mL.



The purity of Ly6g6d was greater than 95% as determined by SEC-HPLC

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. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.