

Lymphocyte antigen 6G/LY6G Protein, Mouse (P.pastoris)

Cat. No.:	HY-P71801
Synonyms:	Ly6g; Lymphocyte antigen 6G; Ly-6G; Ly-6G.1
Species:	Mouse
Source:	P. pastoris
Accession:	P35461 (L27-G119)
Gene ID:	546644
Molecular Weight:	Approximately 34 kDa. The reducing (R) protein migrates as 34 kDa in SDS-PAGE may be due to glycosylation.

PROPERTIES

AA Sequence	<p> L E C Y N C I G V P P E T S C N T T T C P F S D G G F C V A L E I E V I V D S H R S K V K S N L C L P I C P T T L D N T E I T G N A V N V K T Y C C K E D L C N A A V P T G G S S W T M A G </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>Lymphocyte antigen 6G/LY6G protein is specifically expressed in the bone marrow. This localization underscores its involvement in the hematopoietic microenvironment and suggests a potential role in regulating immune cell development or function within the bone marrow niche. The restricted expression pattern of LY6G to this particular tissue implies its specificity in contributing to hematopoietic processes, reflecting its significance in the context of immune cell homeostasis or response mechanisms within the bone marrow microenvironment.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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