

Lymphocyte antigen 6A-2/LY6A Protein, Mouse (His)

Cat. No.:	HY-P75920
Synonyms:	Lymphocyte antigen 6A-2/6E-1; Ly-6A.2/Ly-6E.1; SCA-1; TAP; Ly6
Species:	Mouse
Source:	E. coli
Accession:	P05533 (L27-G119)
Gene ID:	110454
Molecular Weight:	Approximately 10.9 kDa

PROPERTIES

AA Sequence	<p> L E C Y Q C Y G V P F E T S C P S I T C P Y P D G V C V T Q E A A V I V D S Q T R K V K N N L C L P I C P P N I E S M E I L G T K V N V K T S C C Q E D L C N V A V P N G G S T W T M A G </p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris, 0.2 M NaCl, pH 8.0.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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 6A-2/LY6A protein is characterized by its role in T-cell activation, signifying its involvement in pivotal immune responses. The protein's capacity to facilitate T-cell activation highlights its importance in mediating key events in the immune system, potentially contributing to the regulation of T-cell responses and immune surveillance. The specific molecular interactions and signaling pathways in which LY6A participates during T-cell activation underscore its significance as a key player in orchestrating immune responses and maintaining immune homeostasis.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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