



[Go to Product page](#)

Datasheet for ABIN7504459
Sca-1/Ly-6A/E Protein (AA 27-119) (His tag)

Overview

Quantity:	100 µg
Target:	Sca-1/Ly-6A/E (Ly6a)
Protein Characteristics:	AA 27-119
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sca-1/Ly-6A/E protein is labelled with His tag.

Product Details

Purpose:	Mouse LY6A Protein
Sequence:	Leu27-Gly119
Characteristics:	Recombinant Mouse LY6A Protein is expressed from E.coli with His tag at the N-terminus.It contains Leu27-Gly119.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Sca-1/Ly-6A/E (Ly6a)
Alternative Name:	LY6A (Ly6a Products)

Target Details

Background:	Stem Cell Antigen-1 (Sca-1/Ly6A) was the first identified member of the Lymphocyte antigen-6 (Ly6) gene family. Sca-1 is a cell surface glycoprotein that is often used as a biomarker for stem cells and cell stemness.
Molecular Weight:	10.80 kDa. The protein migrates to 15-20 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_001258345
Pathways:	Sensory Perception of Sound , Activated T Cell Proliferation

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months