

Datasheet for ABIN7275204

**Lrig1 Protein (AA 34-792) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Lrig1
Protein Characteristics:	AA 34-792
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lrig1 protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus LRIG1 Protein
Sequence:	Ala34-Thr792
Characteristics:	Recombinant Cynomolgus LRIG1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala34-Thr792.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus LRIG1, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-LRIG1 Antibody, hFc Tag with the EC50 of 10.8 ng/ml determined by ELISA. See testing image for detail.

## Target Details

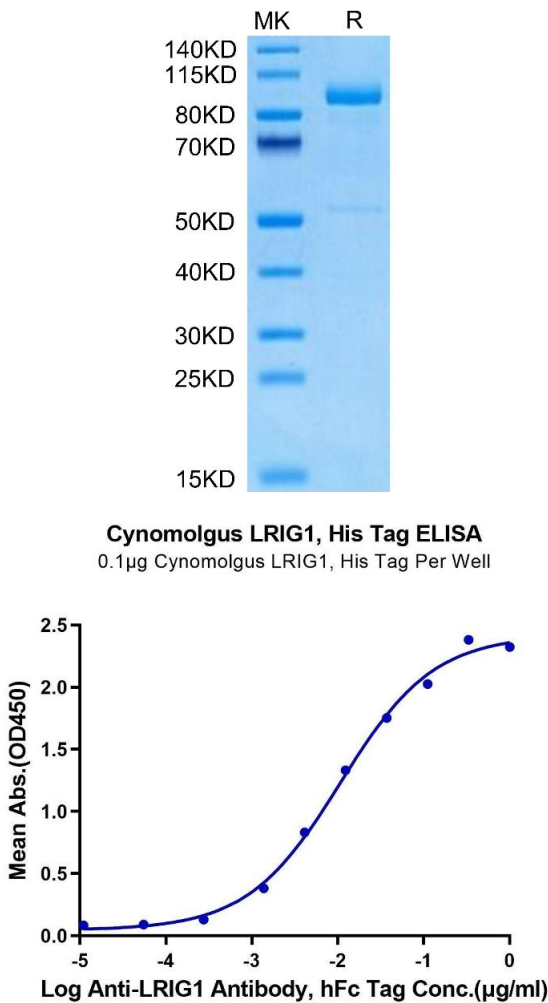
Target:	Lrig1
Alternative Name:	LRIG1 ( <a href="#">Lrig1 Products</a> )
Background:	The leucine-rich repeats and immunoglobulin-like domains (LRIG)-1 is a tumor suppressor gene that belongs to the LRIG family. LRIG1 expression has prognostic significance in various human cancers. Somatic mutations, which are associated with a certain rate of response to targeted therapies, are ubiquitously found in human non-small cell lung cancer (NSCLC). LRIG1 was an independent prognostic factor for OS of NSCLC patients. LRIG1 in combination with other clinicopathological risk factors was a stronger prognostic model than clinicopathological risk factors alone.
Molecular Weight:	84.16 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">A0A2K5V8J9</a>

## Application Details

Restrictions:	For Research Use only
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## 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



SDS-PAGE

**Image 1.** Cynomolgus LRIG1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

ELISA

**Image 2.** Immobilized Cynomolgus LRIG1, His Tag at 1 μg/mL (100 μL/well) on the plate. Dose response curve for Anti-LRIG1 Antibody, hFc Tag with the EC50 of 10.8 ng/mL determined by ELISA.