

Datasheet for ABIN7275205

Lrig1 Protein (AA 35-779) (His tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Lrig1
Protein Characteristics:	AA 35-779
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lrig1 protein is labelled with His tag.

Product Details

Purpose:	Human LRIG1 Protein
Sequence:	Ala35-Ser779
Characteristics:	Recombinant Human LRIG1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala35-Ser779.
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 Human LRIG1, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-LRIG1 Antibody, hFc Tag with the EC50 of 5.3ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	Lrig1
Alternative Name:	LRIG1 (Lrig1 Products)
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:	83 kDa. Due to glycosylation, the protein migrates to 85-105 kDa based on Tris-Bis PAGE result.

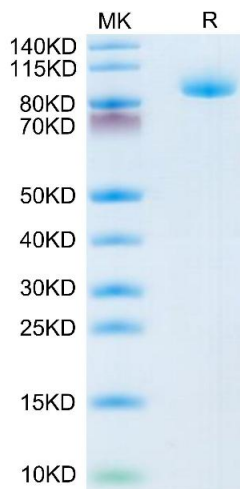
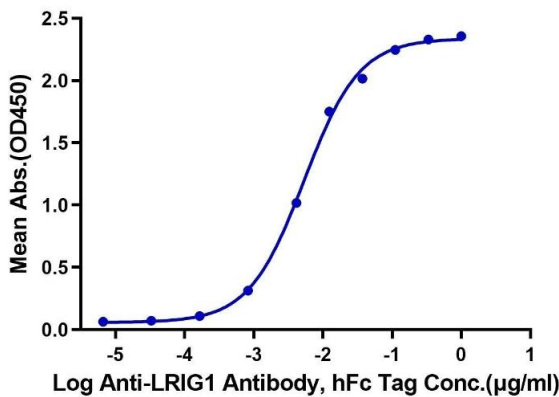
Application Details

Restrictions:	For Research Use only
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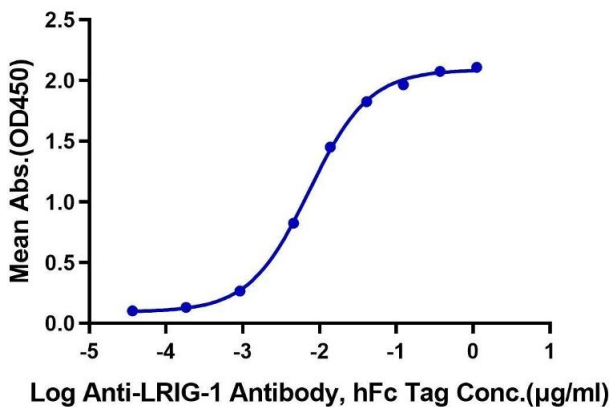
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in 50 mM MES, 150 mM NaCl, 1 mM EDTA (pH 5.0).
Buffer:	Lyophilized from 0.22µm filtered solution in 50 mM MES, 150 mM NaCl, 1 mM EDTA (pH 5.0). Normally 8 % trehalose is added as protectant before lyophilization.
Preservative:	Other preservative
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

Human LRIG1, His Tag ELISA
0.2µg Human LRIG1, His Tag Per Well



Human LRIG-1, His Tag ELISA
0.2µg Human LRIG-1, His Tag Per Well



ELISA

Image 1. Immobilized Human LRIG1, His Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-LRIG1 Antibody, hFc Tag with the EC50 of 5.3 ng/mL determined by ELISA.

SDS-PAGE

Image 2. Human LRIG1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

ELISA

Image 3. Immobilized Human LRIG1, His Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-LRIG-1 Antibody, hFc Tag with the EC50 of 7.3 ng/mL determined by ELISA.