

Datasheet for ABIN7275206

**Lrig1 Protein (AA 35-794) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Lrig1
Protein Characteristics:	AA 35-794
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lrig1 protein is labelled with His tag.

## Product Details

Purpose:	Mouse LRIG1 Protein
Sequence:	Ala35-Thr794
Characteristics:	Recombinant Mouse LRIG1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala35-Thr794.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	Lrig1
Alternative Name:	LRIG1 ( <a href="#">Lrig1 Products</a> )

## Target Details

**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:** 84.7 kDa. Due to glycosylation, the protein migrates to 85-110 kDa based on Tris-Bis PAGE result.

**UniProt:** [P70193](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

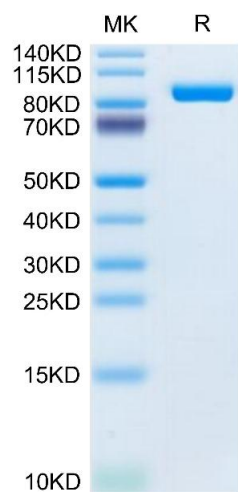
**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**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

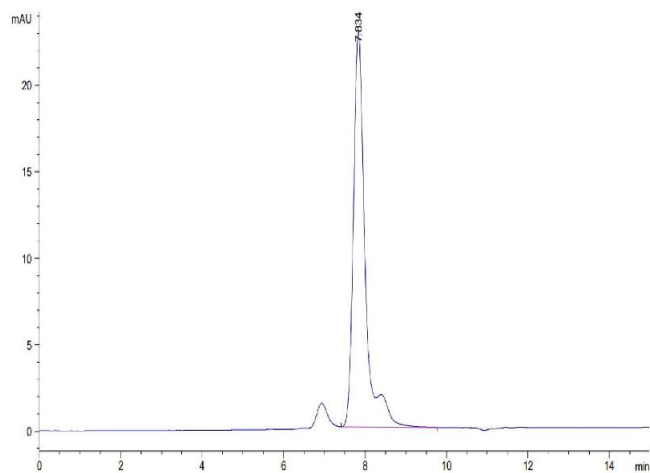
**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



SDS-PAGE

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



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse LRIG1 is greater than 95 % as determined by SEC-HPLC.