Cynomolgus LRIG1 Protein

Cat. No. LRI-CM101

Description

Source	Recombinant Cynomolgus LRIG1 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Ala34-Thr792.
Accession	A0A2K5V8J9
Molecular Weight	The protein has a predicted MW of 84.16 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

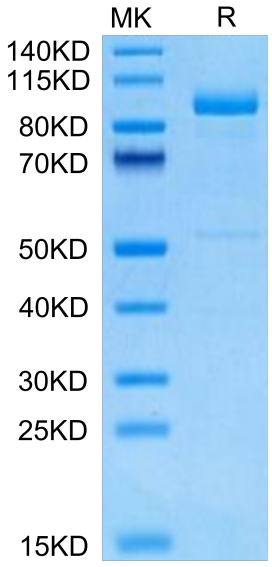
Formulation	Supplied as 0.22μm filtered solution in PBS, 350mM NaCl / PBS, 200mM L-arginine (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

Bis-Tris PAGE



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

ELISA Data

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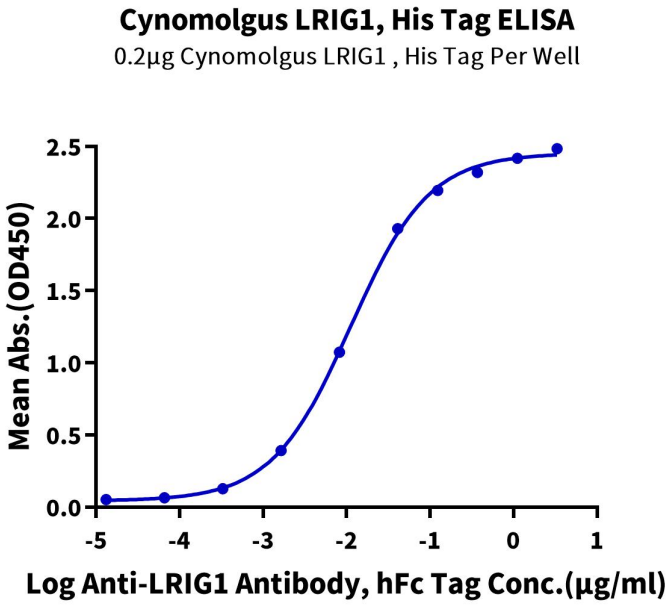
Assay Data



Immobilized Cynomolgus LRIG1, His Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Anti-LRIG1 Antibody, hFc Tag with the EC50 of 11.6ng/ml determined by ELISA.