

For Research Use Only

Recombinant Human LRIG3 protein (rFc Tag)



Catalog Number: Eg2853

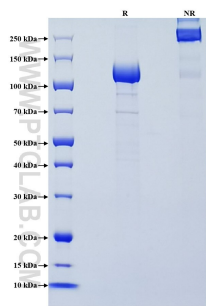
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human LRIG3 protein Asp28-Thr807 (Accession# Q6UXM1-1) with a rabbit Fc tag at the C-terminus. GeneID: 121227 Accession: Q6UXM1-1 Predicted Molecular Mass: 112.6 kDa SDS-PAGE: 112-120 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	LRIG3, or leucine-rich repeats and immunoglobulin-like domains 3, is a member of the LRIG family of transmembrane proteins. LRIG3 is known to play a role in the regulation of growth factor receptor signaling, which includes receptor tyrosine and serine/threonine kinases. LRIG3 has been implicated in various biological processes, including the regulation of tumor growth and angiogenesis. It has been reported that LRIG3 can act as a tumor suppressor in glioblastoma multiforme (GBM), where it modulates the proliferation, migration, and invasion of glioma cells by targeting the EGFR and MET signaling pathways.		
References	1. Simion C, et al. (2014). Endocr Relat Cancer. 21(6):R431-43. 2. Peng C, et al. (2021). Front Oncol. 11:621154.		
Synonyms	LRIG3, KIAA3016, LIG 3, LIG3		

For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Purity of Recombinant Human LRIG3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.