Recombinant Mouse LRIG1 Protein (His Tag)

Catalog Number: PKSM041310

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

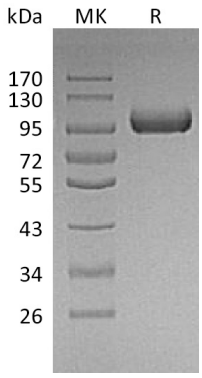
Description

Species	Mouse
Source	HEK293 Cells-derived Mouse LRIG1 protein Ala35-Thr794, with an C-terminal His
Mol_Mass	84.5 kDa
Accession	P70193
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



Background

Leucine-rich repeats and immunoglobulin-like domains 1 (LRIG1) is a tumor suppressor and a negative regulator of several receptor tyrosine kinases. Leucine-rich repeats and immunoglobulin-like domains containing protein 1 (LRIG1) is an endogenous feedback regulator of receptor tyrosine kinases (RTKs) and was recently shown to inhibit the growth of different types of malignancies. Leucine-rich repeats and immunoglobulin-like domains 1(LRIG1)is a kind of transmembrane glycoprotein, which is induced by epidermal growth factor (EGF) and develops inhibitory negative feedback by specific binding with epidermal growth factor receptor (EGFR). LRIG1 expression is broadly decreased in human cancer and breast cancer and low expression of LRIG1 has been linked to decreased relapse-free survival.