9051 Mira Mesa Blvd, #910094
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LRIG1 Mouse

Leucine Rich Repeats And Immunoglobulin Like Domains 1 Mouse Recombinant RCP1262

Product Overview

Name	LRIG1 Mouse
Description	
Leucine Rich Repeats And Immunoglobulin Like Domains 1 Mouse Recombinant	
Accession (Primary)	P70193
Synonyms	
Leucine-rich repeats and immunoglobulin-like domains protein 1, LIG-1, Lrig1, LIG1, D6Bwg0781e, Img	
Introduction	
Leucine Rich Repeats And Immunoglobulin Like Domains 1 or LRIG1 is a protein, acting as is a pan-negative regulator of EGFR signal transduction. When studied along with ErbB proteins and Met kinase, LRIG1 was found to have regulation activities such as ubiquitination and lysosomal degradation increment of the receptors. Therefore, LRIG1 acts as a suppressor for tumors via cell proliferation control via negative regulation of tyrosine kinase receptors that belongs to the EGF protein family. LRIG1 expression is downregulated in cancer, and acts a prognostic tool for cancer development.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
LRIG1 protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
AQAGPRAPCA AACTCAGDSL DCSGRGLATL PRDLPSWTRS LNLSYNRLSE IDSAAFEDLT NLQEVYLNSN ELTAIPSLGA ASIGVVSLFL QHNKILSVDG SQLKSYLSLE VLDLSSNNIT EIRSSCFPNG LRIRELNLAS NRISILESGA FDGLSRSLLT LRLSKNRITQ LPVKAFKLPR LTQLDLNRNR IRLIEGLTFQ GLDSLEVLRL QRNNISRLTD	

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GAFWGLSKMH VLHLEYNSLV EVNSGSLYGL TALHQLHLSN NSISRIQRDG WSFCQKLHEL ILSFNNLTRL DEESLAELSS LSILRLSHNA ISHIAEGAFK GLKSLRVLDL DHNEISGTIE DTSGAFTGLD NLSKLTLFGN KIKSVAKRAF SGLESLEHLN LGENAIRSVQ FDAFAKMKNL KELYISSESF LCDCQLKWLP PWLMGRMLQA FVTATCAHPE SLKGQSIFSV LPDSFVCDDF PKPQIITQPE TTMAVVGKDI RFTCSAASSS SSPMTFAWKK DNEVLANADM ENFAHVRAQD GEVMEYTTIL HLRHVTFGHE GRYQCIITNH FGSTYSHKAR LTVNVLPSFT KIPHDIAIRT GTTARLECAA TGHPNPQIAW QKDGGTDFPA ARERRMHVMP DDDVFFITDV KIDDMGVYSC TAQNSAGSVS ANATLTVLET PSLAVPLEDR VVTVGETVAF QCKATGSPTP RITWLKGGRP LSLTERHHFT PGNQLLVVQN VMIDDAGRYT CEMSNPLGTE RAHSQLSILP TPGCRKDGTT VG VEHHHHHH

Precautions

LRIG1 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P70193)