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32-13299: LRIG1 Mouse

Alternative Name : Leucine-rich repeats and immunoglobulin-like domains protein 1, LIG-1, Lrig1, LIG1, D6Bwg0781e, Img Â

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
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.Â LRIG1 expression isÂ downregulated in cancer, and acts a prognostic tool for cancer development.
LRIG1 Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 770 amino acids (35-796 a.a.) and having a molecular mass of 84.8kDa.LRIG1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	LRIG1 protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).
Storage condition :	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.
Amino Acid :	AQAGPRAPCA AACTCAGDSL DCSGRGLATL PRDLPSWTRS LNLSYNRLSE IDSAAFEDLT NLQEVYLNSN ELTAIPSLGA ASIGVVSLFL QHNKILSVDG SQLKSYLSLE VLDLSSNNIT EIRSSCFPNG LRIRELNLAS NRISILESGA FDGLSRSLLT LRLSKNRITQ LPVKAFKLPR LTQLDLNRNR IRLIEGLTFQ GLDSLEVLRL QRNNISRLTD 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 VGVEHHHHHH

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