

Datasheet for ABIN7596408
Lrig1 Protein (AA 35-796) (His tag)



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Overview

Quantity:	500 µg
Target:	Lrig1
Protein Characteristics:	AA 35-796
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lrig1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	AQAGPRAPCA AACTCAGDSL DCSGRGLATL PRDLPSWTRS LNLSYNRLSE IDSAAFEDLT NLQEVYLSN ELTAIPSLGA ASIGVVSFL QHNKILSVDG SQLKSYLSLE VDLSSNNIT EIRSSCFPNG LRIRELNLA NRISILESGA FDGLSRSLT LRLSKNRITQ LPVKAFKLPR LTQLDLNRNR IRLIEGLTFQ GLDSLEVLRL QRNNISRLTD GAFWGLSKMH VHLLEYNSLV EVNSGSLYGL TALHQLHLSN NSISRIQRDG WSFCQKLHEL ILSFNNLTRL DEESLAELSS LSILRLSHNA ISHIAEGAFK GLKSLRVLDL DHNEISGTIE DTSGAFTGLD NLSKLTFLGN KIKSVAKRAF SGLESLEHLN LGENAIRSVQ FDAFAKMKNL KELYISSESF LCDCQLKWLP PWLMGRMLQA FVTATCAHPE SLKGQSIFSV LPDSFVCDDF PKPQITQPE TTMAVVGKDI RFTCSAASSS SSPMTFAWKK DNEVLNADM ENFAHVRAQD GEVMEYTTIL HLRHVTFGHE GRYQCIITNH FGSTYSHKAR LTVNVLPST KIPHDIAIRT GTTARLECAA TGHPNPQIAW QKDGGETDPA ARERRMHVMP DDDVFFITDV KIDDMGVYSC TAQNSAGSVS ANATLTVLET PSLAVPLEDR VVTVGETVAF QCKATGSPTP RITWLKGGRP LSLTERHHFT PGNQLLVVQN
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Product Details

VMIDDAGRYT CEMSNPLGTE RAHSQLSILP TPGCRKDGTT VG

Purity: > 90% by SDS-PAGE

Endotoxin Level: < 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target: Lrig1

Alternative Name: LRIG1 ([Lrig1 Products](#))

Background: LRIG1, also known as leucine-rich repeats and immunoglobulin-like domains 1 is a pan-negative regulator of the epidermal growth factor receptor (EGFR) signaling pathway. In studies with ErbB family members and Met kinase, LRIG regulates signaling by increasing ubiquitination and lysosomal degradation of the receptors. It functions as a tumor suppressor by controlling cell proliferation through the negative regulation of the EGF family of receptor tyrosine kinases. This protein expression, which is often dysregulated in human cancers, is a prognostic indicator of cancer development and relapse. Recombinant mouse LRIG1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 84.8kDa (770aa)

NCBI Accession: [NP_032403](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.