

Recombinant Mouse LRIG1 Protein

Catalog #	Source	Reactivity	Applications
CRP3013	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse LRIG1 Protein is produced by mammalian expression system and the target gene encoding Ala35-Thr794 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	LRIG1
Alternative Names	LIG1; Leucine-rich repeats and immunoglobulin-like domains protein 1; LIG-1
Entrez Gene	16206 (Mouse)
SwissProt	P70193 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	AQAGPRAPCA AACTCAGDSL DCSGRGLATL PRDLPSWTRS LNLSYNRLSE IDSAAFEDLT NLQEVYLNSN ELTAIPSLGA ASIGVVSLFL QHNKILSVDG SQLKSYLSLE VLDLSSNNIT EIRSSCFPNG LRIRENLAS NRISILESGA FDGLSRLLT LRLSKNRITQ LPVKAFKLPR LTQLDLNRNR IRLIEGLTFQ GLDSLEVLRL QRNNISRLTD GAFWGLSKMH V LHLEYNSLV EVNSGSLYGL TALHQLHLSN NSISRIQRDG WSFCQKLHEL ILSFNNLTRL DEESLAEISS LSILRLSHNA ISHIAEGAFK GLKSLRVLDL DHNEISGTIE DTSGAFTGLD NLSKLTFLGN KIKSVAKRAF SGLESLEHLN LGENAIRSVQ FDAFAKMKNL KELYISSESF LCDCQLKWLP PWL MGRMLQA FVTATCAHPE SLKGQSIFSV LPDSFVCDDF PKPQIITQPE TTMAVVGKDI RFTCSAASSS SSPMTFAWKK DNEVLANADM ENFAHVRAQD GEVMEYTTIL HLRHVTFGHE GRYQCIITNH FGSTYSHKAR LTVNVLPSTF KIPHDIAIRT GTTARLECAA TGHPNPQIAW QKDGGTDFPA ARERRMHVMP DDDVFFITDV KIDDMGVYSC TAQNSAGSVS ANATLTVLET PSLAVPLEDR VVTVGETVAF QCKATGSPTP RITWLKGGRP LSLTERHHFT PGNQLLVVQN

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

VMIDDAGRYT CEMSNPLGTE RAHSQLSILP TPGCRKDGTT HHHHHH

Quality Control

Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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