

Datasheet for ABIN7555243  
**RLIM Protein (AA 1-624) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RLIM
Protein Characteristics:	AA 1-624
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RLIM protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat RLIM Protein expressed in mammalian cells.
Sequence:	<p>MENSDSNDKG SGDQSAAQRR SQMDRLDREE AFYQFVNNLS EEDYRLMRDN NLLGTPGEST</p> <p>EEELLRRLQQ IKEGPPPPQNS DENRGGDSSD DVSNGDSIID WLNSVRQTGN TTRSGQRGNQ</p> <p>SWRAVSRTNP NSGDFRFSLE INVNRNNGSQ NSENEPEPSA RRSSGENVEN NSQRQVENPR</p> <p>SESTSARPSR SERNSTEALT EVPPTRGQRR ARSRSPDHRR TRARAERSRS PLHPMSEIPR</p> <p>RSHHSISSQT FEHPLVNETE GSSRTRHHVT LRQQISGPEL LSRGLFAASG TRNASQGAGS</p> <p>SDTAASGEST GSGQRPPTIV LDQVRRVRP GEYRQRDSIA SRTRRSRQTP NNTVTYESER</p> <p>GGFRRTFSRS ERAGVRTYVS TIRIPRRIL NTGLSETTSV AIQTMLRQIM TGFGELSYFM</p> <p>YSDSDSEPTG SVSNRNMERA ESRSGRGGSG GGSSSGSSSS SSSSSSSSSS SSSSSSPSSS</p> <p>SGGESSETSS DLFECSNEGS SSSGSSGARR EGRHRAPVTF DESGSLPFLS LAQFFLLNED</p> <p>DDDQPRGLTK EQIDNLAMRS FGENDALKTC SVCITEYTEG NKLRKLPCSH EYHVHCIDRW</p> <p>LSENSTCPIC RRAVLASGNR ESVV <b>Sequence without tag. The proposed Purification-Tag is</b></p>

**based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	RLIM
Alternative Name:	RLIM ( <a href="#">RLIM Products</a> )
Background:	<p>E3 ubiquitin-protein ligase RLIM (EC 2.3.2.27) (LIM domain-interacting RING finger protein) (RING finger LIM domain-binding protein) (R-LIM) (RING finger protein 12) (RING-type E3 ubiquitin transferase RLIM) (Renal carcinoma antigen NY-REN-43),FUNCTION: E3 ubiquitin-protein ligase. Acts as a negative coregulator for LIM homeodomain transcription factors by mediating the ubiquitination and subsequent degradation of LIM cofactors LDB1 and LDB2 and by mediating the recruitment the SIN3a/histone deacetylase corepressor complex.</p> <p>Ubiquitination and degradation of LIM cofactors LDB1 and LDB2 allows DNA-bound LIM homeodomain transcription factors to interact with other protein partners such as RLIM. Plays a role in telomere length-mediated growth suppression by mediating the ubiquitination and degradation of TERF1. By targeting ZFP42 for degradation, acts as an activator of random inactivation of X chromosome in the embryo, a stochastic process in which one X chromosome</p>

## Target Details

	is inactivated to minimize sex-related dosage differences of X-encoded genes in somatic cells of female placental mammals. {ECO:0000269 PubMed:19164295, ECO:0000269 PubMed:19945382}.
Molecular Weight:	68.5 kDa
UniProt:	<a href="#">Q9NVW2</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months