

Datasheet for ABIN7554427  
**LRSAM1 Protein (AA 1-723) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LRSAM1
Protein Characteristics:	AA 1-723
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRSAM1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant LRSAM1 Protein expressed in mammalian cells.
Sequence:	MPLFFRKRKP SEEARKRLEY QMCLAKEAGA DDILDISKCE LSEIPFGAFA TCKVLQKKVL IVHTNHLTSL LPKSCSLLSL ATIKVLDLHD NQLTALPDDL GQLTALQVLN VERNQLMQLP RSIGNLTQLQ TLNVKDNKLK ELPDTVGELR SLRTLNISGN EIQLRPQMLA HVRTLEMLSL DASAMVYPPR EVCGAGTAAI LQFLCKESGL EYPPSQYLL PILEQDGIEN SRDSPDGPTD RFSREELEWQ NRFSDYEKRK EQKMLEKLEF ERRLELGQRE HTQLLQSSSS QKDEILQTVK EEQRLEQGL SEHQRHNAE RQRLQEQLKQ TEQNISSRIQ KLLQDNQRQK KSSEILKSLE NERIRMEQLM SITQEETESL RRRDVASAMQ QMLTESCKNR LIQMAYESQR QNLVQQACSS MAEMDERFQQ ILSWQQMDQN KAISQILQES AMQKAAFEAL QVKKDLMHRQ IRSQIKLIET ELLQLTQLEL KRKSLDTESL QEMISEQRWA LSSLLQQLL EKQQREEELR EILTELEAKS ETRQENYWLI QYQRLLNKP LSLKLQEEGM ERQLVALLEE LSAEHYLPIF AHHRLSLDLL SQMSPGDLAK VGVSEAGLQH EILRRVQELL DAARIQPELK PPMGEVVTPT APQEPPESVR PSAPPAELEV QASECVVCL REAQMIFLNC GHVCCCQCC QPLRTCPLCR QDIAQRLRIY HSS

**Sequence without tag. The proposed Purification-Tag is 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.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**Characteristics:** Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

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**Target:** LRSAM1

**Alternative Name:** LRSAM1 ([LRSAM1 Products](#))

**Background:** E3 ubiquitin-protein ligase LRSAM1 (EC 2.3.2.27) (Leucine-rich repeat and sterile alpha motif-containing protein 1) (RING-type E3 ubiquitin transferase LRSAM1) (Tsg101-associated ligase) (hTAL),FUNCTION: E3 ubiquitin-protein ligase that mediates monoubiquitination of TSG101 at multiple sites, leading to inactivate the ability of TSG101 to sort endocytic (EGF receptors) and exocytic (HIV-1 viral proteins) cargos (PubMed:15256501). Bacterial recognition protein that defends the cytoplasm from invasive pathogens (PubMed:23245322). Localizes to several intracellular bacterial pathogens and generates the bacteria-associated ubiquitin signal leading to autophagy-mediated intracellular bacteria degradation (xenophagy) (PubMed:23245322,

## Target Details

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PubMed:25484098). {ECO:0000269|PubMed:15256501, ECO:0000269|PubMed:23245322, ECO:0000269|PubMed:25484098}.

Molecular Weight: 83.6 kDa

UniProt: [Q6UWE0](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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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