

Datasheet for ABIN7548868

KLRG1 Protein (AA 1-195) (His tag)



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Overview

Quantity:	1 mg
Target:	KLRG1
Protein Characteristics:	AA 1-195
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLRG1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat KLRG1 Protein expressed in mammalian cells.
Sequence:	<p>MTDSVIYSML ELPTATQAN DYGPQQKSSS SRPSCSCLVA IALGLLTAVL LSVLLYQWIL</p> <p>CQGSNYSTCA SCPSCPDRWM KYGNHCYYFS VEEKDWNSSL EFCLARDSHL LVITDNQEMS</p> <p>LLQVFLSEAF CWIGLRNNSG WRWEDGSPLN FSRISNSFV QTCGAINKNG LQASSCEVPL</p> <p>HWVCKKCPFA DQALF 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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • 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.

Product Details

- 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, Western Blot

Grade: custom-made

Target Details

Target: KLRG1

Alternative Name: KLRG1 ([KLRG1 Products](#))

Background: Killer cell lectin-like receptor subfamily G member 1 (C-type lectin domain family 15 member A) (ITIM-containing receptor MAFA-L) (MAFA-like receptor) (Mast cell function-associated antigen),FUNCTION: Plays an inhibitory role on natural killer (NK) cells and T-cell functions upon binding to their non-MHC ligands. May mediate missing self recognition by binding to a highly conserved site on classical cadherins, enabling it to monitor expression of E-cadherin/CDH1, N-cadherin/CDH2 and R-cadherin/CDH4 on target cells. {ECO:0000269|PubMed:19604491}.

Molecular Weight: 21.8 kDa

UniProt: [Q96E93](#)

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