

Datasheet for ABIN7547393  
**KDELRL1 Protein (AA 1-212) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KDELRL1
Protein Characteristics:	AA 1-212
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KDELRL1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant KDELRL1 Protein expressed in mammalian cells.
Sequence:	MNLFRLGDL SHLLAIILL LKIWKSRSCA GISGKSQVLF AVVFTARYLD LFTNYISLYN TCMKVVYIAC SFTTVWLIYS KFKATYDGNH DTFRVEFLVW PTAILAFLVN HDFTPLEILW TFSIYLESVA ILPQLFMVSK TGEAETITSH YLFALGVYRT LYLFNWIWRY HFEGFFDLIA IVAGLVQTVL YCDFFLYIT KVLKGGKLSL PA <b>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.</b>
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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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.

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

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## Target Details

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Target:	KDEL1
Alternative Name:	<a href="#">KDEL1 (KDEL1 Products)</a>
Background:	ER lumen protein-retaining receptor 1 (KDEL endoplasmic reticulum protein retention receptor 1) (KDEL receptor 1) (Putative MAPK-activating protein PM23),FUNCTION: Receptor for the C-terminal sequence motif K-D-E-L that is present on endoplasmic reticulum resident proteins and that mediates their recycling from the Golgi back to the endoplasmic reticulum. {ECO:0000269 PubMed:11703931, ECO:0000269 PubMed:14517323, ECO:0000269 PubMed:18086916, ECO:0000269 PubMed:30846601, ECO:0000269 PubMed:8392934}.
Molecular Weight:	24.5 kDa
UniProt:	<a href="#">P24390</a>
Pathways:	<a href="#">Maintenance of Protein Location</a>

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## 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.
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## Application Details

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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