

Datasheet for ABIN7547394

KDEL3 Protein (AA 1-214) (His tag)



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Overview

Quantity:	1 mg
Target:	KDEL3 (kDEL3)
Protein Characteristics:	AA 1-214
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KDEL3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat KDEL3 Protein expressed in mammalien cells.
Sequence:	MNVFRILGDL SHLLAMILLL GKIWRSKCCK GISGKSQILF ALVFTTRYLD LFTNFISIYN TVMKVWFLLC AYTVMYMIYG KFRKTFDSEN DTFRLEFLV PVIGLSFLEN YSFTLLEILW TFSIYLESVA ILPQLFMISK TGEAETITTH YLFFLGLYRA LYLAWIRRY QTENFYDQIA VVSGVVQTIF YCDFFLYVT KVLKGKKLSL PMPI 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.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	KDEL3 (KDEL3)
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Alternative Name:	KDEL3 (kDEL3 Products)
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Background:	ER lumen protein-retaining receptor 3 (KDEL endoplasmic reticulum protein retention receptor 3) (KDEL receptor 3),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:18086916}.
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Molecular Weight:	25.0 kDa
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UniProt:	O43731
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Pathways:	ER-Nucleus Signaling , Maintenance of Protein Location
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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.
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Restrictions:	For Research Use only
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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