

Datasheet for ABIN7561827

CLNK Protein (AA 1-435) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CLNK
Protein Characteristics:	AA 1-435
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLNK protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Clnk Protein expressed in mammalian cells.
Sequence:	<p>MTSQGNKRTT KEGFGDLRFQ NVSLLKNRSW PSLSSAKGRC RAVLEPLPDH RRNLGVPGG EKCNSNNDYE DPEFQLLKAW PSMKILPARP IQESEYADTR YFQDTMEAPL LLPPKASVST ERQTRDVRMT HLEEVDKPTF KDVR SQRFKG FKYTKINKTP LPPRPAILL PKKYQPLPPA PPEESSAYFA PKPTFPEVQR GPRQRS AKDF SRVLGAE EES HHQTKPESSC PSSNQNTQKS PPAIASSSYM PGKHSIQARD HTGSMQHCPA QRCQAAASHS PRMLPYENTN SEKPDPTKPD EKDVWQNEWY IGEYSRQAVE DVLMKENKDG TFLVRDCSTK SKAEPYVLVV FYGNKVYNVK IRFLESNQF ALGTGLRGNE MFDSVEDIIE HYTYFPILLI DGKDKAARRK QCYLTQPLPL ARLLLTQYSS QALHE</p> <p>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>
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.

Product Details

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

Target:

CLNK

Alternative Name:

Clnk ([CLNK Products](#))

Background:

Cytokine-dependent hematopoietic cell linker (Mast cell immunoreceptor signal transducer),FUNCTION: An adapter protein which plays a role in the regulation of immunoreceptor signaling, including PLC-gamma-mediated B-cell antigen receptor (BCR) signaling and FC-epsilon R1-mediated mast cell degranulation (PubMed:10562326, PubMed:10744659, PubMed:11509653, PubMed:12681493). Together with FGR, it acts as a negative regulator of natural killer cell-activating receptors and inhibits interferon-gamma production (PubMed:15199160, PubMed:16439675). Acts as a positive regulator of both T-cell receptor and natural killer T (NKT) cell receptor signaling in CD4-positive NKT cells (PubMed:16439675). Together with MAP4K1, it enhances CD3-triggered activation of T-cells and subsequent IL2 production (PubMed:11509653). May be involved in tumor necrosis factor induced cell death by promoting reactive oxidative species generation, and MLKL oligomerization, ultimately leading to necrosis (PubMed:26009488). Involved in phosphorylation of LAT (PubMed:11463797). May be involved in high affinity immunoglobulin epsilon receptor

Target Details

signaling in mast cells (PubMed:12681493). {ECO:0000269|PubMed:10562326, ECO:0000269|PubMed:10744659, ECO:0000269|PubMed:11463797, ECO:0000269|PubMed:11509653, ECO:0000269|PubMed:12681493, ECO:0000269|PubMed:15199160, ECO:0000269|PubMed:16439675, ECO:0000269|PubMed:26009488}.

Molecular Weight: 49.5 kDa

UniProt: [Q9QZE2](#)

Application Details

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

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