

Datasheet for ABIN7555123
ERC1 Protein (AA 1-1116) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ERC1
Protein Characteristics:	AA 1-1116
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERC1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ERC1 Protein expressed in mammalien cells.
Sequence:	MYGSARSVGK VEPSSQSPGR SPRLPRSPRL GHRRTNSTGG SSGSSVGGGS GKTLSMENIQ SLNAAAYATSG PMYLSDHENV GSETPKSTMT LGRSGGRLPY GVRMTAMGSS PNIASSGVAS DTIAFGEHHL PPVSMASVTP HSLRQARDNT IMDLQTLKE VLRENDLLRK DVEVKESKLS SSMNSIKTFW SPELKKERAL RKDEASKITI WKEQYRVVQE ENQHMQMTIQ ALQDELRIQR DLNQLFQQDS SSRTGEP CVA ELTEENFQRL HAEHERQAKE LFLLRKTL EE MELRIETQKQ TLNARDESIK KLEMLQSKG LSAKATEEDH ERTRRLAEAE MHVHHLESLL EQKEKENSML REEMHRRFEN APDSAKTKAL QTVIEMKDSK ISSMERGLRD LEEIQMLKS NGALSTEERE EEMKQMEVYR SHSKFMKNKV EQLKEELSSK EAQWEELKKK AAGLQAEIGQ VKQELSRKDT ELLALQTKLE TLTNQFSDSK QHIEVLKESL TAKEQRAAIL QTEVDALRLR LEEKETMLNK KTKQIQDMAE EKG TQAGEIH DLKDMLDVKE R KVNVLQKKI ENLQEQLRDK EKQMSSLKER VKSLQADTTN TDTALTTLEE ALAEKERTIE RLKEQRDRDE REKQEEIDNY KKDLKDLKEK

Product Details

VSLQGDSE KEASLLDLKE HASSLASSGL KKDSRLKTL IALEQKKEEC LKMESQLKKA
HEAALEARAS PEMSDRIQHL EREITRYKDE SSKAQAEVDR LLEILKEVEN EKNDKDKKIA
ELERQVKDQN KKVANLKHKE QVEKKKSAQM LEEARRREDN LNDSSQQLQD SLRKKDDRIE
ELEALRESV QITAEREMVL AQEESARTNA EKQVEELMA MEKVKQELES MKAKLSSTQQ
SLAEKETHLT NLRAERRKHL EEVLEMKQEA LLAAISEKDA NIALLELSSS KKKTQEEVAA
LKREKDRLVQ QLKQQTQNRM KLMADNYEDD HFKSSHSNQT NHKPSPDQII QPLLELDQNR
SKLKYIGHL TTLCHDRDPL ILRGLTPPAS YNLDDDQAAW ENELQKMRG QLQDELEKGE
RDNAELQEFA NAILQQIADH CPDILEQVVN ALEESS **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 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, Western Blot

Grade:

custom-made

Target Details

Target:

ERC1

Alternative Name:

ERC1 ([ERC1 Products](#))

Background:

ELKS/Rab6-interacting/CAST family member 1 (ERC-1) (Rab6-interacting protein 2),FUNCTION: Regulatory subunit of the IKK complex. Probably recruits I κ B α /NF κ BIA to the complex.

Target Details

May be involved in the organization of the cytomatrix at the nerve terminals active zone (CAZ) which regulates neurotransmitter release. May be involved in vesicle trafficking at the CAZ. May be involved in Rab-6 regulated endosomes to Golgi transport.
{ECO:0000269|PubMed:15218148}.

Molecular Weight: 128.1 kDa

UniProt: [Q8IUD2](#)

Pathways: [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

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