

Datasheet for ABIN7553477  
**CHERP Protein (AA 1-916) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CHERP
Protein Characteristics:	AA 1-916
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHERP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat CHERP Protein expressed in mammalian cells.
Sequence:	MEMPLPPDDQ ELRNVIDKLA QFVARNGPEF EKMTMEKQKD NPKFSFLFGG EFYSYYKCKL ALEQQQLICK QQTPELEPAA TMPPLPQPPL APAAPIPPAQ GAPSMDELIQ QSQWNLQQQE QHLLALRQEQ VTAAVAHAVE QQMQKLEET QLDMNEFDNL LQPIIDTCTK DAISAGKNWM FSNKSPPHC ELMAGHLRNR ITADGAHFEL RLHLIYLIND VLHHCQRKQA RELALQKV VVPIYCTSFL AVEEDKQQKI ARLLQLWEKN GYFDDSIQQ LQSPALGLGQ YQATLINEYS SVVQPVQLAF QQIQTLTKTQ HEEFVTSLAQ QQQQQQQQQQ QLQMPQMEAE VKATPPPPAP PPAPAPAPAI PPTTQPDDSK PPIQMPGSSE YEAPGGVQDP AAAGPRGPGP HDQIPPNKPP WFDQPHPVAP WGQQQPPEQP PYPHHQGGPP HCPPWNSHE GMWGEQRGDP GWNGQRDAPW NNQPDAAWNS QFEGPWNSQH EQPPWGGGQR EPPFRMQRPP HFRGPFPPHQ QHPQFNQPPH PHNFNRFPPR FMQDDFPPRH PFERPPYPHR FDYPQGFPA EMGPPHHHPG HRMPHPGINE HPPWAGPQHP DFGPPPHGFN GQPPHMRRQG PPHINHDDPS LVPNVPYFDL

## Product Details

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PAGLMAPLVK LEDHEYKPLD PKDIRLPPPM PPSERLLAAV EAFYSPPSHD RPRNSEGWEQ  
NGLYEFFRAK MRARRRKGQE KRNSGSPSR SRSKSRGRSS SRSNSRSSKS SGSYSRSTR  
SCSRYSRSTR SRSRSTRSS RSRSRQSRS RSKSYSPGRR RRSRSTRSPTP PSSAGLGSNS  
APPIPDSRLG EENKGHQMLV KMGWSGSGGL GAKEQGIQDP IKGGDVRDKW DQYKGVGVAL  
DDPYENYRRN KSYSFIARMK ARDECK **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

CHERP

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### Alternative Name:

CHERP ([CHERP Products](#))

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### Background:

Calcium homeostasis endoplasmic reticulum protein (ERPROT 213-21) (SR-related CTD-associated factor 6),FUNCTION: Involved in calcium homeostasis, growth and proliferation. {ECO:0000269|PubMed:10794731, ECO:0000269|PubMed:12656674}.

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### Molecular Weight:

103.7 kDa

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### UniProt:

[Q8IWX8](#)

## Application Details

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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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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