

Datasheet for ABIN7553159

Cyclin-Dependent Kinase 15 (ALS2CR7) (AA 1-435) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Cyclin-Dependent Kinase 15 (ALS2CR7)
Protein Characteristics:	AA 1-435
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant CDK15 Protein expressed in mammalian cells.
Sequence:	MGQELCAKTV QPGCSCYHCS EGGEAHSCR R SQPETTEAAF KLTDLKEASC SMTSFHPRGL QAARAQKFKS KRPRNSDC F QEEDLRQGFQ WRKSLPFGAA SSYLNLEKLG EGSYATVYKG ISRINGQLVA LKVISMNAEE GVPFTAIREA SLLKGLKHAN IVLLHDIHT KETLTFVFEY MHTDLAQYMS QHPGGLPHN VRLFMFQLLR GLAYIHHQHV LHRDLKPQNL LISHLGELKL ADFG LARAKS IPSQTYSEV VTLWYRPPDA LLGATEYSSE LDIWGAGCIF IEMFQQQPLF PGVSNILEQL EKIWEVLGVP TEDTWPGVSK LPNYPWF LPTPRSLHV V WNRLGRVPEA EDLASQMLKG FPRDRVSAQE ALVHDYFSAL PSQLYQLPDE ESLFTVSGVR LKPEMCDLLA SYQKGHHPAQ FSKCW 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.
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:

Cyclin-Dependent Kinase 15 (ALS2CR7)

Alternative Name:

CDK15 ([ALS2CR7 Products](#))

Background:

Cyclin-dependent kinase 15 (EC 2.7.11.22) (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 7 protein) (Cell division protein kinase 15) (Serine/threonine-protein kinase ALS2CR7) (Serine/threonine-protein kinase PFTAIRE-2),FUNCTION: Serine/threonine-protein kinase that acts like an antiapoptotic protein that counters TRAIL/TNFSF10-induced apoptosis by inducing phosphorylation of BIRC5 at 'Thr-34'. {ECO:0000269|PubMed:24866247}.

Molecular Weight:

49.0 kDa

UniProt:

[Q96Q40](#)

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