

Datasheet for ABIN7553592

## CDSE1 Protein (AA 1-798) (His tag)



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### Overview

Quantity:	1 mg
Target:	CDSE1
Protein Characteristics:	AA 1-798
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDSE1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat CSDE1 Protein expressed in mammalian cells.
Sequence:	<p>MSFDPNLLHN NGHNGYPNGT SAALRETGVI EKLLTSYGFI QCSE1RQARLF FHCSQYNGNL</p> <p>QDLKVGDDVE FEVSSDRRTG KPIAVKLVKI KQEILPEERM NGQVVCAPH NLESKSPAAP</p> <p>GQSPTGSVCY ERNGEVFYLTPEDVEGNV QLETGDKINF VIDNNKHTGA VSARNIMLLK</p> <p>KKQARCQGVV CAMKEAFGFI ERGDVVEIF FHYSEFKGDL ETLQPGDDVE FTIKDRNGKE</p> <p>VATDVRLLPQ GTVIFEDISI EHFEGTVTKV IPKVPSKNQN DPLPGRIKVD FVIPKELPFG</p> <p>DKDTSKSVTL LEGDHVRFNI STDRDKLER ATNIEVLSNT FQFTNEAREM GVIAAMRDGF</p> <p>GFIKCVDRDV RMFFHFSEIL DGNQLHIADE VEFTVVPDML SAQRNHAIRI KKLPGKTVSF</p> <p>HSKSDHRFLG TVEKEATFSN PKTTSPNKGK EKEAEDGIIA YDCGVKLTIFAQKDVESG</p> <p>TSPQIGDKVE FSISDKQRPQ QQVATCVRL GRNSNSKRL GYVATLKDNF GFETANHDK</p> <p>EIFFHYSEFS GDVDSLELGD MVEYSLSKGK GNKVSAAKVN KTHSVNGITE EADPTIYSGK</p> <p>VIRPLRSVDP TQTEYQGMIE IVEEGDMKGE VYPFGIVGMA NKGDCQLQGE SVKFQLCVLG</p>

## Product Details

QNAQTMAYNI TPLRRATVEC VKDQFGFINY EVGDSKKLFF HVKEVQDGIE LQAGDEVEFS  
VILNQRTGKC SACNVWRVCE GPKAVAAPRP DRLVNRLKNI TLDDASAPRL MVLQRQPRGPD  
NSMGFGAERK IRQAGVID **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:

CDSE1

### Alternative Name:

CSDE1 ([CDSE1 Products](#))

### Background:

Cold shock domain-containing protein E1 (N-ras upstream gene protein) (Protein UNR),FUNCTION: RNA-binding protein involved in translationally coupled mRNA turnover (PubMed:11051545, PubMed:15314026). Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain (PubMed:11051545, PubMed:15314026). Required for efficient formation of stress granules (PubMed:29395067). {ECO:0000269|PubMed:11051545, ECO:0000269|PubMed:15314026, ECO:0000269|PubMed:29395067}., FUNCTION: (Microbial infection) Required for internal

## Target Details

	initiation of translation of human rhinovirus RNA. {ECO:0000269 PubMed:10049359}.
Molecular Weight:	88.9 kDa
UniProt:	<a href="#">O75534</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## 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