

## Recombinant Human CSDE1, His-tagged

Cat. No. CSDE1-28019TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 515-767 of Human CSDE1 Isoform 2 with N terminal His tag; Predicted MWt 29 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	515-767 a.a.
<b>Description</b>	RNA-binding protein. Required for internal initiation of translation of human rhinovirus RNA. May be involved in translationally coupled mRNA turnover. 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.
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 132 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino</b>	YSEFSGDVDSLELGD MVEYSLSKGKGNK VSAEKVNKTHSV NGITEEADPTIYSGKVI

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**acids**

RPLRSVDPTQTEYQGMIEIVE EGDMKGEVYPFGIVGMANKGDCLQKGESVKFQLC  
 VLGQ NAQTMAYNITPLRRATVECVKDQFGFINYEVGDSKKLF FHVKEVQDGIELQA  
 GDEVEFSVILNQRRTGKCSACNVWRVC EGPKAVAAPRPDRLVNRLKNITLDDASAPR  
 LMVLRQPR GPDNSMGFGAERKIRQAGVID

## GENE INFORMATION

<b>Gene Name</b>	CSDE1 cold shock domain containing E1, RNA-binding [ Homo sapiens ]
<b>Official Symbol</b>	CSDE1
<b>Synonyms</b>	CSDE1; cold shock domain containing E1, RNA-binding; cold shock domain-containing protein E1; D1S155E; UNR; upstream of NRAS;
<b>Gene ID</b>	7812
<b>mRNA Refseq</b>	NM_001130523
<b>Protein Refseq</b>	NP_001123995
<b>MIM</b>	191510
<b>Uniprot ID</b>	O75534
<b>Chromosome Location</b>	1p13.2
<b>Pathway</b>	Validated targets of C-MYC transcriptional repression, organism-specific biosystem;
<b>Function</b>	DNA binding; RNA binding;

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