

Datasheet for ABIN7317380 **C1D Protein (GST tag)**

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Overview

Quantity:	100 µg
Target:	C1D
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1D protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human C1D Protein (GST Tag)
Sequence:	Met 1-Ser 141
Characteristics:	A DNA sequence encoding the human C1D (Q13901) (Met 1-Ser 141) was fused with the GST tag at the N-terminus.
Purity:	> 80 % as determined by reducing SDS-PAGE.

Target Details

Target:	C1D
Alternative Name:	C1D (C1D Products)
Background:	Background: C1D nuclear receptor corepressor belongs to the C1D family. It is a DNA binding and apoptosis-inducing protein. C1D nuclear receptor corepressor interacts with TSNAX and DNA-PKcs. It acts as a corepressor for the thyroid hormone receptor. It is thought that C1D nuclear receptor corepressor regulates TRAX/Translin complex formation. It is expressed in

Target Details

kidney, heart, brain, spleen, lung, testis, liver and small intestine. It plays a role in the recruitment of the RNA exosome complex to pre-rRNA to mediate the 3'-5' end processing of the 5.8S rRNA, this function may include MPHOSPH6. It potentiates transcriptional repression by NR1D1 and THRB. C1D nuclear receptor corepressor can activate PRKDC not only in the presence of linear DNA but also in the presence of supercoiled DNA. It also can induce apoptosis in a p53/TP53 dependent manner.

Synonym: hC1D,LRP1,Rrp47,SUN-CoR,SUNCOR

Molecular Weight: 43.2 kDa

UniProt: [Q13901](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.5

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.