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Datasheet for ABIN7317268
CCDC47 Protein (His tag)

Overview

Quantity:	100 µg
Target:	CCDC47
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC47 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CCDC47 Protein (His Tag)
Sequence:	Met 1-Ser135
Characteristics:	A DNA sequence encoding the human CCDC47 (Q96A33-1) (Met1-Ser135) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CCDC47
Alternative Name:	CCDC47 (CCDC47 Products)
Background:	Background: CCDC47 gene is expressed at high level. The gene contains 16 distinct gt-ag introns. Transcription produces 9 different mRNAs, 6 alternatively spliced variants and 3 unspliced forms. There are 3 probable alternative promoters, 3 non overlapping alternative last

Target Details

exons and 8 validated alternative polyadenylation sites. The mRNAs appear to differ by truncation of the 5' end, truncation of the 3' end, presence or absence of a cassette exon, overlapping exons with different boundaries. Functionally, CCDC47 gene has been proposed to participate in processes such as calcium ion homeostasis, embryo development, ER overload response and post-embryonic development. CCDC47 are expected to have molecular function (calcium ion binding) and to localize in various compartments (membrane, endoplasmic reticulum, integral to membrane, microsome).

Synonym: GK001,MSTP041

Molecular Weight: 14.7 kDa

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 7.4

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.