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Datasheet for ABIN5564375

CTHRC1 Protein (AA 33-245) (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Target:	CTHRC1
Protein Characteristics:	AA 33-245
Origin:	Mouse
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTHRC1 protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Mouse (Murine)
Characteristics:	Mouse CTHRC1 (aa 33-245) is fused at the N-terminus to a FLAG®-tag.
Purity:	>90 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	CTHRC1
Alternative Name:	CTHRC1 (CTHRC1 Products)
Background:	Collagen triple helix repeat containing-1 (CTHRC1) is a 30 kDa glycosylated secretory protein containing a short collagen-like motif contributing to vascular remodeling by limiting collagen

Target Details

matrix deposition and promoting cell migration. CTHRC1 is expressed in calcified atherosclerotic plaque and chondrocyte-like cells, in the hypothalamus, pituitary gland and remodeling tissues. Aberrant expression of CTHRC1 is present in human solid cancers and likely to be associated with cancer invasion and metastasis. With adiponectin and other members of the C1q/TNF-related protein (CTRP) family, CTHRC1 shares the presence of a short N-terminal collagen domain but it lacks the characteristic C1q domain that defines the CTRP family of proteins. A recent study identifies CTHRC1 as a novel circulating hormone with metabolic effects.

Molecular Weight: ~Two bands of 25-30 kDa (SDS-PAGE)

UniProt: [Q9D1D6](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Solid

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months