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Datasheet for ABIN7319654

CDON Protein (His tag)



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Quantity:	50 μg
Target:	CDON
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDON protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CDO/CDON Protein (His Tag)
Sequence:	Asp26-Pro943
Characteristics:	Recombinant Human CDO is produced by our Mammalian expression system and the target gene encoding Asp26-Pro943 is expressed with a 6His tag at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details	
Target:	CDON
Alternative Name:	CDO/CDON (CDON Products)
Background:	Background: CDO (CAMrelated/down-regulatedby oncogenes) is a member of the Immunoglubulin (Ig) superfamily, Ig/Fibronectin (FN)type III repeat family of cell surface
	proteins. Human CDO is a type I transmembrane (TM) glycoprotein. It is synthesized as a 1287

amino acid (aa) precursorthat contains a 25 aa signal sequence, a 938 aa extracellular domain (ECD), a 21 aa TM segment and a 303 aa cytoplasmic region. The ECD contains five C2typelglikedomains, followed by three FN type III repeats. The ECD of human CDO is 85 % aa identical to mouse CDO ECD.CDO is found on muscle precursor and neural progenitor cells of the embryo. It likely promotes muscle differentiation, and contributes to axon guidance andneuronal patterning.

100.4 kDa Molecular Weight: O4KMG0

Synonym: Cell adhesion molecule-related/down-regulated by oncogenes, CDON, CDO

Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development, Embryonic Body Morphogenesis

Application Details

Restrictions: For Research Use only

Handling

UniProt:

Pathways:

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 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.