

Recombinant Human CDON Protein, His-tagged

Cat. No. CDON-2154H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDON Protein (Pro29-Thr303) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro29-Thr303
Description	This gene encodes a cell surface receptor that is a member of the immunoglobulin superfamily. The encoded protein contains three fibronectin type III domains and five immunoglobulin-like C2-type domains. This protein is a member of a cell-surface receptor complex that mediates cell-cell interactions between muscle precursor cells and positively regulates myogenesis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.3 kDa Accurate Molecular Mass: 33 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CDON Cdon homolog (mouse) [Homo sapiens (human)]
Official Symbol	CDON
Synonyms	CDON; Cdon homolog (mouse); cell adhesion molecule related/down regulated by oncogenes; cell adhesion molecule-related/down-regulated by oncogenes; CDO; ORCAM; surface glycoprotein, Ig superfamily member; HPE11; MGC111524;
Gene ID	50937
mRNA Refseq	NM_001243597
Protein Refseq	NP_001230526
MIM	608707
UniProt ID	Q4KMG0

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