

Active Recombinant Human CDON Protein, His-tagged

Cat. No. CDON-707H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDON (Accession # NP_058648) Asp26-Pro943, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Asp26-Pro943
Predicted N Terminal	Asp26
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When rhSHH (2 µg/mL) is incubated with serial dilutions of rhCDO in solution, rhCDO binds rhSHH with an apparent KD < 30 nM.
Molecular Mass	Recombinant Human CDON, His-tagged has a calculated MW of 100.2 kDa. In SDS-PAGE migrates as 130-140 kDa, reducing conditions.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	CDON Cdon homolog (mouse) [Homo sapiens]
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
Chromosome Location	11q23-q24

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