

Active Recombinant Human CDON Protein, His-tagged

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

SPECIFICATION

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| 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

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| 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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