

Recombinant Human CDON protein, His-tagged

Cat. No. CDON-11066H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDON protein(987-1287 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	987-1287 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	CLWKNRQQNTIQKYDPPGYLYQGSDMNGQMVDYTTLSGASQINGNVHGGFLTNG GLSSGYSHLHHKVPNAVNGIVNGSLNGGLYSGHSNSLTRTHVDFEHPHHLVNGGG MYTAVPQIDPLECVNCRNCRNNNRCFTKTNSTFSSSPPPVVPVAPYPQDGLEMKP LSHVKVPVCLTSAVPDCGQLPEESVKDNVEPVPTQRTCCQDIVNDVSSDGSSEDAE FSRGQEGMINLRIPDHLQLAKSCVWEGDSCAHSETENNIVSWNALILPPVPEGCAEK TMWSPPGIPLDSPTEVLQQPRET
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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](#)

SDS-PAGE

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