

Recombinant Human CDO Protein

Catalog #	Source	Reactivity	Applications
CRP2672	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CDO Protein is produced by mammalian expression system and the target gene encoding Asp26-Pro943 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol CDON

Alternative Names CDO; Cell adhesion molecule-related/down-regulated by oncogenes

Entrez Gene 50937 (Human)

SwissProt Q4KMG0 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure DLAPYFTSEP LSAVQKLGPP VVLHCSAQPV TTRISWLHNG KTLDGNLEHI KIHQGTTLIL
 SLNSSLLGY QCLANNSIGA IVSGPATVSV AVLGDFGSST KHVITAEKS AGFIGCRVPE
 SNPKAEVRYK IRGKWLKST ENYLILPSGN LQILNVSLED KGSYKCAAYN PVTHQLKVEP
 IGRKLLVSRP SSDDVHILHP THSQALAVLS RSPVTLECVV SGVPAPQVYW LKDGQDIAPG
 SNWRRLYSHL ATDSVDPADS GNYSCMAGNK SGDVKYVTYM VNVLEHASIS KGLQDQIVSL
 GATVHFTCDV HGNPAPNCTW FHNAQPIHPS ARHLTAGNGL KISGVTVEDV
 GMYQCVADNG IGFMHSTGRL EIENDGGFKP VIITAPVSAK VADGDFVTLN CNASGLPVPV
 IRWYDSHGLI TSHPSQVLRK KSRKSQLSRP EGLNLEPVYF VLSQAGASSL HIQAVTQEHA
 GKYICEAANE HGTTQAEASL MVVPFETNTK AETVTLPDAA QNDDRSKRDG SETGLLSSFP
 VKVHPSAVES APEKNASGIS VPDAPILSP PQTHTPDTYN LVWRAGKDGG LPINAYFVKY
 RKLDDGVGML GSWHTVRVPG SENELHLAEL EPSSLYEVLN VARSAAGEGQ PAMLTFRTSK
 EKTASSKNTQ ASSPPVGIPK YPVVSEAANN NFGVVLTDSR RHSGVPEAPD RPTISTASET

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

SVYVTWIPRA NGGSPITAFK VEYKRMRTSN WLVAEDIPP SKLSVEVRSL EPGSTYKFRV
IAINHGESF RSSASRPYQV VGFPNRFSSR PITGPHIAYT EAVSDTQIML KWTYIPSSNN
NTPIQGFYIY YRPTDSDNDS DYKRDVVEGS KQWHMIGHLQ PETSYDIKMQ CFNEGGESEF
SNVMICETKV KRVPGASEYP VKDLSTPPHH HHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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