

CD93 Protein, Cynomolgus, Recombinant (His)

General Information

Synonyms: CD93

Protein Construction: 24-581 aa

Species: Cynomolgus

Expression Host: HEK293 Cells

Accession: A0A2K5VH53

Molecular Weight: 60.2 kDa (predicted)

AA Sequence:

ADTEAVVCAGTACYTAHWGKLSAAEAQNLCQNGGNLATVKSEEEAQHVQVLAQLLRREAALTARMGKF
WIGLQREKKGKCLDPSLPLKGFVSWGGGEDTPYSNWHKELRNCSISKRCVSLLLDLSQPLLPGRLPKWSEGPC
GSPGSPGSNIEGFVCKFSFKGMCRPLALGGPGQVTYTPFQTSSSLEAVPFASAANVACGEGDKDDSQSHY
FLCKEKAPDVFWDWSSGPLCVSPKYGCNFNNGGCHQDCFEGGDGSLFCGCRPGFRLLDDLVTCASRNPCSS
SPCRGGATCIPGPHGKNYTCRCPQGYQLDSSQLDCVDVDECQDSPCAQECVNTPGSFRCECWVGYEPGGPG
EGACQDVDECALGRSPCAQGCTNTEGSFHCSCEEGYVLAGEDGTQCQDVDECVGPGGPLCDSLFCFNTQGSF
RCGCLPGWVWLAPNGVSCAMGPVSLGPPSGPPDEEYKGEREGSTVPPAATASPTRGPEGTPKSTPTTRRPLLS
DAPITVPLEVLAPSGSPGLWREPSIHHTTAASGAQEPAGGDSSVATQNDGTDGQKL

QC Testing

Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* CD93 at 2 µg/mL can bind Anti-CD93 recombinant antibody, the EC50 is 0.1669-0.3513 ng/mL.

Purity: > 95% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/µg of the protein as determined by the LAL method.

Formulation: Lyophilized from a solution filtered through a 0.22 µm filter, containing 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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