32-3472: CD40 Recombinant Protein

Alternative Name :	CD40 Molecule,TNF Receptor Superfamily Member 5,TNFRSF5, Tumor Necrosis Factor Receptor Superfamily,Member 5,Bp50,B-Cell Surface Antigen CD40,CD40L Receptor,CDW40,B Cell Surface Antigen CD40,B Cell-Associated Molecule,CD40 Antigen (TNF Rece

Description

Source : Escherichia Coli. CD40 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (21-193a.a) and having a molecular mass of 21.6kDa.CD40 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CD40 belongs to the TNF-receptor super family. CD40 has been found to be vital in mediating a wide range of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. AT-hook transcription factor AKNA is accounted to coordinately regulate the expression of CD40 and its ligand, which is significant for homotypic cell interactions. Adaptor protein TNFR2 interacts with CD40 and functions as a mediator of the signal transduction. The interaction of CD40 and its ligand is found to be essential for amyloid-beta-induced microglial activation, and therefore is considered to be an early event in Alzheimer disease pathogenesis.

Product Info

Amount :	10 µg
Purification :	"Greaterthan 90.0% as determined by SDS-PAGE."
Content :	CD40 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSEPPTACR EKQYLINSQC CSLCQPGQKL VSDCTEFTET ECLPCGESEFLDTWNRETHC HQHKYCDPNL GLRVQQKGTS ETDTICTCEE GWHCTSEACE SCVLHRSCSP GFGVKQIATGVSDTICEPCP VGFFSNVSSA FEKCHPWTSC ETKDLVVQQA GTNKTDVVCG PQDRLR

For Research Use Only. Not for use in diagnostic/therapeutics procedures.