

Tumor necrosis factor receptor superfamily member 5, 20-193aa, Mouse, His tag, Insect cell

Cat.NO.: TP04345

3th Edition

Synonyms: Cd40, B-cell surface antigen CD40, Bp50, CD40L receptor, CD antigen, Tnfrsf5

Description: CD40, also known as tumor necrosis factor receptor superfamily member, is receptor for TNFSF5/CD40LG. It transduces TRAF6 and MAP3K8 mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion. Recombinant mouse CD40, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 20.1kDa (180aa) 18-28kDa (SDS-PAGE under reducing conditions.)

Sequences:

LGQCVTCSDKQYLHDGQCCDLCQPGSRLTSHCTALEKTQCHPCDSGEFSAQWNREIRCHQHRHCEPNQGLRVK
KEGTAESDTVCTCKEGQHCTSKDCEACAQHTPCIPGFGVMEMATETTTDTVCHPCPVGFFSNQSSLFEKCYPWTS
CEDKNLEVLQKGTSQTNVICGLKSRMRHHHHHH

Purity: > 95% by HPLC

Concentration: 1.0mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.