

Product information

Tumor necrosis factor receptor superfamily member 5, 20-193aa

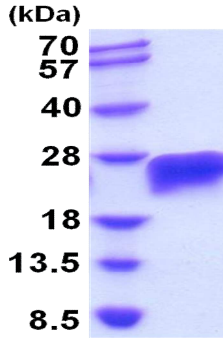
Mouse, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3198

NCBI Accession No.: NP_035741

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.

<p>Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.</p> <p>Molecular Weight: 20.1kDa (180aa) 18-28KDa (SDS-PAGE under reducing conditions.)</p> <p>Purity: > 95% by SDS – PAGE.</p> <p>Concentration: 1.0mg/ml (determined by Absorbance at 280nm)</p> <p>Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>LGQCVCSDK QYLHDGQCCD LCQPGSRLTS HCTALEKTQC HPCDSGEFSA QWNREIRCHQ HRHCEPNQGL RVKKEGTAES DTVCTCKEGQ HCTSKDCEAC AQHTPCIPGF GVMEMATETT DTVCHPCPVG FFSNQSSLFE KCYPWTSCED KNLEVLQKGT SQTNVICGLK SRMRHHHHHH</p>	

General references:

Franco G *et al.*, (2014) *Blood* 123(12):1836-1849.

Torres RM *et al.*, (1992) *J. Immunol.* 148(2):620-626.

Jenkinson SR *et al.*, (2013) *Proc. Natl. Acad. Sci. U.S.A.* 110(52):21107-21112.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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