

Product information

CD40 ligand, 112-260aa

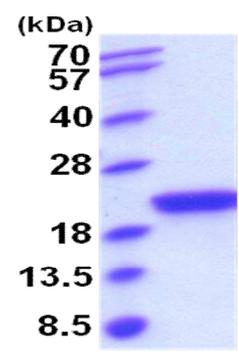
Mouse, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3200

NCBI Accession No.: NP_035746

Synonyms: CD40lg, CD154, CD40-L, Cd40l, gp39, HIGM1, IGM, IMD3, Ly-62, Ly62, T-BAM, Tnfs5, TRAP

Description: CD40LG, also known as CD40 ligand, belongs to the tumor necrosis factor family. This protein binds to TNFRSF5. CD40LG mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL-4. CD40 ligand dysregulation on T cells and antigen presenting cells contributes to the immune deficiency associated with HIV infection and AIDS. Recombinant mouse CD40LG, 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: 17.2kDa (155aa) 18-28KDa (SDS-PAGE under reducing conditions.)</p> <p>Purity: > 95% by SDS – PAGE.</p> <p>Concentration: 0.25mg/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 (3µg)</p>
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Sequences of amino acids:

MQRGDEDPQI AAHVVSEANS NAASVLQWAK KGYITMKSNL VMLENGKQLT VKREGLYYVY TQVTFCSNRE PSSQRPFIVG LWLKPSSGSE
RILLKAANTH SSSQLCEQQS VHLGGVFELQ AGASVFNVT EASQVHRVG FSSFGLLKLH HHHHH

General references:

Price JD *et al.*, (2014) *J. Leukoc. Biol.* 95(2):325-336.

Williams JA *et al.*, (2014) *J. Immunol.* 192(2):630-640.

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.



Manufactured for:

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