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Data Sheet

CD70, His-Tag (Mouse)

Mouse, Recombinant, N-terminal His-tag
Catalog#: 79066
Lot#: 170719 **Conc.:** 0.50 mg/ml

Formulated in: 8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

Stability: At least 6 months at –80°C. *Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.*

References:

1. Arens, R. *et al., Immunity.* 2001; **15(5)**: 801-812.
2. Law, C.L. *et al., Canc. Res.* 2006; **66**: 2328-2337.

Description:
Mouse CD70, also known as CD70 antigen, Tumor Necrosis Factor Ligand Superfamily Member 7, TNFSF7, CD27 Ligand, Ki-24 antigen, CD27-L, and CD27LG, GenBank Accession No. NM_011617, a.a. 45-195 with N-terminal His-tag, expressed in a HEK293 cell expression system. MW = 19 kDa. This protein runs at a higher MW by SDS-PAGE due to glycosylation.

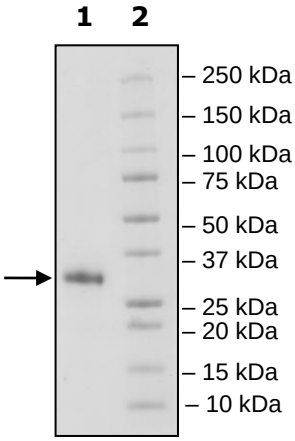
Application: Useful for western blot studies.

Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1:
4µg CD70(Mouse)
Lane 2:
Protein Marker

MW: 19 kDa + glycans
Purity: ≥90%



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Sequence

HHHHHHHHHHGGGSGGGSGGGSIEGRSKQQQRLLEHPEPHTAELQLNLTVPRKDPT
LRWGAGPALGRSFTHGPELEEGHLRIHQDGLYRLHIQVTLANCSSPGSTLQHRATLAV
GICSPAAHGISLLRGRFGQDCTVALQRLTYLVHGDVLCTNLTLPLLPSRNADETFFGVQ
WICP

Black: Mouse CD70(45-195)
Red: His
Green: Linker

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