CD40L (soluble) (mouse), (recombinant)

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ALX-522-070-C010	10µg
ALX-522-070-2010	2x10µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CD154, TNFSF 5, gp39
Application Notes	ELISA: binds to human CD40 at 10-500 ng/ml.
Concentration	0.1mg/ml after reconstitution.
Endotoxin Content	<50EU/mg purified protein (LAL test; Associates of Cape Cod).
Formulation	Lyophilized. Contains PBS.
MW	~26kDa (SDS-PAGE).
Purity	≥90% (SDS-PAGE)
Purity Detail	Purified by multi-step chromatography.
Reconstitution	Reconstitute each tube with 100µl sterile water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.
Source	Produced in HEK 293 cells. The extracellular domain of mouse CD40L (CD154) (aa 115-260) is fused at the N-terminus to a linker peptide (8 aa) and a FLAG®-tag.
Specificity	Binds to human and mouse CD40.

Technical Info / Product Notes

Historical data has shown that mouse CD40L stimulates the proliferation of mouse B cells and dendritic cells. The activity of rmsCD40L increases 1’000-fold (stimulation in the ng/ml range) in the presence of a cross-linking enhancer (see Set Prod. No. ALX-850-075).

FLAG is a registered trademark of Sigma-Aldrich Co.

UniProt ID

P27548

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