
sCD40L (113-261)

Human, Recombinant, *E. coli*

Cat. No.: RCP9426

Size: 10µg

Synonym: CD40-L, TNF-related activation protein, Tumour Necrosis Factor Ligand Superfamily member 5, TRAP, T cell antigen Gp39, CD154 antigen, sCD40, IGM, IMD3, HIGM1, T-BAM, TNFSF5, hCD40L.

Description: sCD40L is contained in platelet granules and thus its presence in the blood is a marker of platelet activation. By interacting with CD40, which is found on endothelial and smooth muscle cells, sCD40L may trigger the release of inflammatory mediators, lead to increased activity of matrix metalloproteinases, and activation of the coagulation cascade.

RANDOX recombinant sCD40L comprises a 149 amino acid fragment (113-261) corresponding to the receptor binding domain of the sCD40L protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid. Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Schönbeck, U. *et al.* (2001) *Cellular and Molecular Life Sciences* **58 (1)** : 4 - 43.

Lineberry, N.B. *et al.* (2008). *Journal of Immunology* **181 (3)** : 1622-6.