



Recombinant Human CD40 Protein (a.a. 108-261) [His] (DAGC040)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the soluble form of human CD40L (NP_000065.1) (Glu 108-Leu 261) was expressed with an initial Met at the N-terminus and a polyhistide tag at the C-terminus.
Species	Human
Purity	> 95 % as determined by SDS-PAGE.
Conjugate	His
Applications	SDS-PAGE
Molecular Weight	17.7 kDa
Reconstitution	Please see Certificate of Analysis for specific instructions.
Format	Lyophilized
Size	0.2 mg, 1 mg
Buffer	Lyophilized from sterile PBS, pH 7.4, 10% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Preservative	None
Storage	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction

Tumor necrosis factor receptor superfamily member 5 (TNFRSF5) is also known as CD40, is a member of the TNF receptor superfamily. The expression of CD40 is diverse. TNFRSF5 has been found to be essential in mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. CD40 is the receptor for TNFSF5/CD40LG. Defects in CD40 are the cause of immunodeficiency with hyper-IgM type 3 (HIGM3).

Keywords

CD40; Bp50; CDW40; MGC9013; TNFRSF5; p50