

Human CD40 Protein, mFc-His Tag

Catalog No: #AP89542

Package Size: #AP89542-1 10ug #AP89542-2 100ug

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Description

Product Name	Human CD40 Protein, mFc-His Tag
Host Species	HEK293
Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Species Reactivity	Human
Immunogen Description	CD40(Glu21-Arg193)+mFc(Pro99-Lys330)+6xHis tag
Other Names	CD40, Bp50, CDW40, MGC9013, TNFRSF5, p50
Calculated MW	68 kDa
Tag Info	C-Mouse Fc and 6xHis tag
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 22 % trehalose is added as protectants before lyophilization.
Storage	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Images

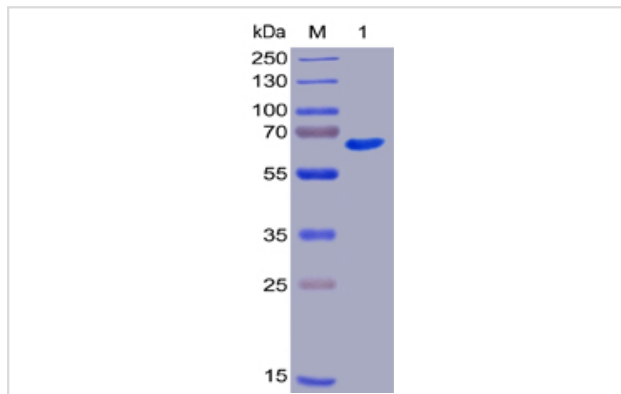


Figure 1. Human CD40 Protein, mFc-His Tag on SDS-PAGE under reducing condition.



Product Description

Expression Region:600Research Topic:This gene is a member of the TNF-receptor superfamily. The encoded protein is a receptor on antigen-presenting cells of the immune system and is essential for mediating a broad variety of immune and inflammatory responses including T

cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. AT-hook transcription factor AKNA is reported to coordinately regulate the expression of this receptor and its ligand, which may be important for homotypic cell interactions. Adaptor protein TNFR2 interacts with this receptor and serves as a mediator of the signal transduction. The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis. Mutations affecting this gene are the cause of autosomal recessive hyper-IgM immunodeficiency type 3 (HIGM3). Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Note: This product is for in vitro research use only