

Product datasheet for **TP724047**

Human CD40 Ligand Protein, hFc Tag

Product data:

Product Type:	Recombinant Proteins
Description:	Human CD40 Ligand Protein, hFc Tag
Expression Host:	HEK293
Tag:	N-Human Fc
Predicted MW:	The protein has a predicted molecular mass of 42.3 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CD40 Ligand is approximately 40-53 kDa due to glycosylation.
Purity:	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Reconstitution Method:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization.
Storage:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Stability:	12 months from date of despatch
Summary:	The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.



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