

## Product datasheet for **TP724016**

### CD30 (TNFRSF8) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Human CD30 Protein, His tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	CD30[Phe19-Lys379]+6×His tag
Tag:	C- 6×His
Predicted MW:	39.3 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Applications:	ELISA
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	943
UniProt ID:	<a href="#">P28908</a>
Summary:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.



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Product images:

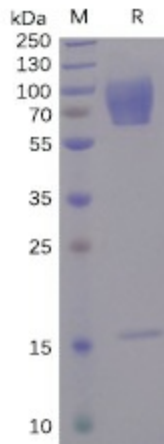


Figure 1. Human CD30 Protein, His Tag on SDS-PAGE under reducing condition.

**Human CD30, His Tagged protein ELISA**

0.2 µg of CD30, His Tagged protein per well

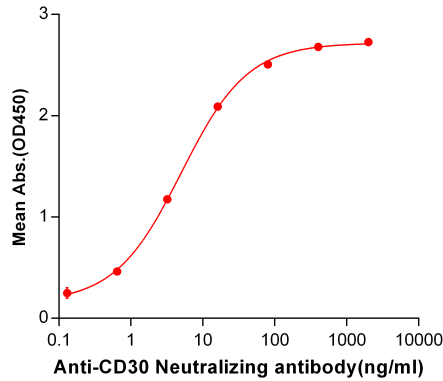


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD30, His tagged protein (TP724016) can bind Anti-CD30 Neutralizing antibody (BME100017) in a linear range of 0.13-80.0 ng/ml.

**Human CD30, His Tagged protein ELISA**

0.2 µg of CD30, His Tagged protein per well

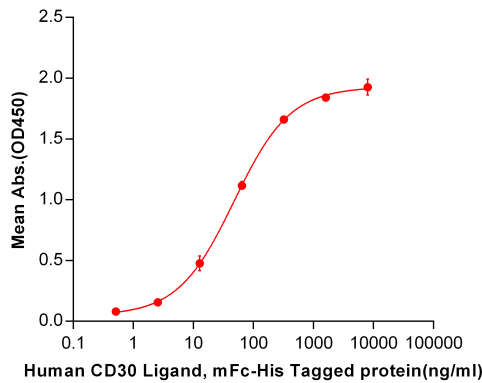


Figure 3. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD30, His tagged protein (TP724016) can bind Human CD30 Ligand, mFc-His tagged protein (TP723961) in a linear range of 2.56-320 ng/ml.