

Product datasheet for **TP724011**

CD48 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human CD48 Protein, hFc Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	CD48[Gln27-Ser220]+hFc[Glu99-Ala330]
Tag:	C-Human Fc
Predicted MW:	48.5 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:	962
UniProt ID:	P09326
Summary:	This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.



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Product images:

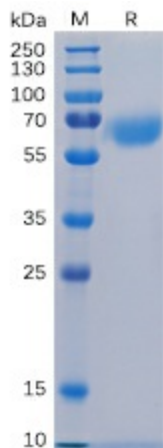


Figure 1. Human CD48 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human CD48, hFc Tagged protein ELISA

0.2 µg of CD48, hFc Tagged protein per well

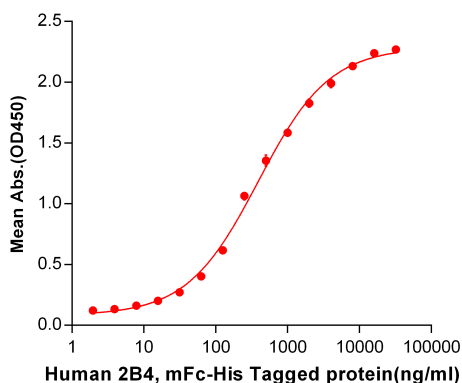


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human 2B4, mFc-His tagged protein ([TP723933]) can bind Human CD48, hFc tagged protein (TP724011) in a linear range of 31.25-4000 ng/ml.