

## Product datasheet for **TP723933**

### CD244 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Human 2B4 Protein, mFc-His Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	2B4□Cys22-Ala221□+mFc□Pro99-Lys330□+6×His
Tag:	C-Mouse Fc and 6×His
Predicted MW:	48.8 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:	51744
UniProt ID:	<a href="#">Q9BZW8</a>
Summary:	This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.



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Product images:

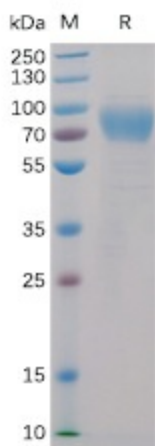


Figure 1. Human 2B4, mFc-His Tag on SDS-PAGE under reducing condition.

**Human 2B4, mFc-His Tagged protein ELISA**

0.2 µg of CD48, hFc Tagged protein per well

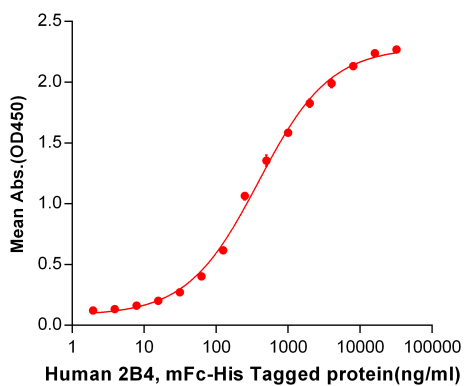


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human 2B4, mFc-His tagged protein (TP723933) can bind Human CD48, hFc tagged protein ([TP724011]) in a linear range of 31.25-4000 ng/ml.