

## Product datasheet for **TP723945**

### TNFRSF4 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Human OX40 Protein, hFc-His tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	OX40□Leu29-Ala216□+hFc□Glu99-Ala330□+6×His tag
Tag:	C-Human Fc and 6×His
Predicted MW:	47.2 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:	Flow Cyt
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:	7293
UniProt ID:	<a href="#">P43489</a>
Summary:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation.



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## Product images:

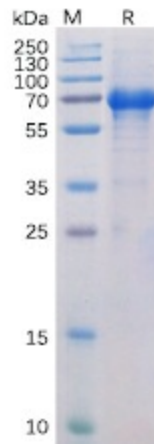


Figure 1. Human OX40 Protein, hFc-His Tag on SDS-PAGE under reducing condition.

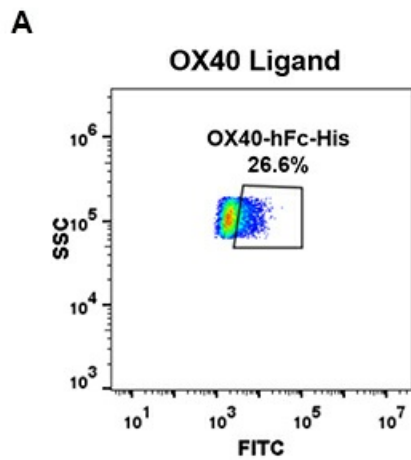


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human OX40 Ligand (A) were surface stained with Human OX40, hFc-His tagged protein (TP723945) 1  $\mu\text{g}/\text{ml}$  followed by Alexa 488-conjugated anti-human IgG secondary antibody.