

**CD270 (HVEM, TR2)-FC recombinant protein**

<b>Catalog No :</b>	YD3015
<b>Reactivity :</b>	Human;
<b>Purity :</b>	>90% as determined by SDS-PAGE
<b>Gene Name :</b>	TNFRSF14
<b>Protein Name :</b>	Tumor necrosis factor receptor superfamily member 14 (Herpes virus entry mediator A) (Herpesvirus entry mediator A) (HveA) (Tumor necrosis factor receptor-like 2) (TR2) (CD antigen CD270)
<b>Sequence :</b>	Amino acid:39-202,with FC tag.
<b>Human Gene Id :</b>	8764
<b>Human Swiss Prot No :</b>	Q92956
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Mammalian cells
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Function :</b>	Receptor for four distinct ligands: The TNF superfamily members TNFSF14/LIGHT and homotrimeric LTA/lymphotoxin-alpha and the immunoglobulin superfamily members BTLA and CD160, altogether defining a complex stimulatory and inhibitory signaling network (PubMed:10754304, PubMed:18193050, PubMed:23761635, PubMed:9462508). Signals via the TRAF2-TRAF3 E3 ligase pathway to promote immune cell survival and differentiation (PubMed:19915044, PubMed:9153189, PubMed:9162022). Participates in bidirectional cell-cell contact signaling between antigen presenting cells and lymphocytes. In response to ligation of TNFSF14/LIGHT, delivers costimulatory signals to T cells, promoting cell proliferation and effector functions (PubMed:10754304). Interacts with CD160 on NK cells, enhancing IFNG production and anti-tumor immune response (PubMed:23761635). In the context of bacterial infection, acts as a signalin
<b>Subcellular Location :</b>	Cell membrane ; Single-pass type I membrane protein .

**Expression :** Widely expressed, with the highest expression in lung, spleen and thymus.  
Expressed in a subpopulation of B cells and monocytes (PubMed:18193050).  
Expressed in naive T cells (PubMed:19915044).

---

## Products Images