

**CD48-FC recombinant protein**

<b>Catalog No :</b>	YD3089
<b>Reactivity :</b>	Human;
<b>Purity :</b>	>90% as determined by SDS-PAGE
<b>Gene Name :</b>	CD48
<b>Protein Name :</b>	CD48 antigen (B-lymphocyte activation marker BLAST-1) (BCM1 surface antigen) (Leukocyte antigen MEM-102) (SLAM family member 2) (SLAMF2) (Signaling lymphocytic activation molecule 2) (TCT.1) (CD antig
<b>Sequence :</b>	Amino acid:27-220,with FC tag.
<b>Human Gene Id :</b>	962
<b>Human Swiss Prot No :</b>	P09326
<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>	Glycosylphosphatidylinositol (GPI)-anchored cell surface glycoprotein that interacts via its N-terminal immunoglobulin domain with cell surface receptors including 2B4/CD244 or CD2 to regulate immune cell function and activation (PubMed:12007789, PubMed:27249817). Participates in T-cell signaling transduction by associating with CD2 and efficiently bringing the Src family protein kinase LCK and LAT to the TCR/CD3 complex (PubMed:19494291). In turn, promotes LCK phosphorylation and subsequent activation (PubMed:12007789). Induces the phosphorylation of the cytoplasmic immunoreceptortyrosine switch motifs (ITSMs) of CD244 initiating a series of signaling events that leads to the generation of the immunological synapse and the directed release of cytolytic granules containing perforin and granzymes by T-lymphocytes and NK-cells (PubMed:27249817, PubMed:9841922).
<b>Subcellular Location :</b>	Cell membrane ; Lipid-anchor, GPI-anchor . Secreted .

**Expression :** Widely expressed on all hematopoietic cells.

## Products Images