

## CD24-FC recombinant protein

<b>Catalog No :</b>	YD3072
<b>Reactivity :</b>	Human;
<b>Purity :</b>	>90% as determined by SDS-PAGE
<b>Gene Name :</b>	CD24
<b>Protein Name :</b>	Signal transducer CD24 (Small cell lung carcinoma cluster 4 antigen) (CD antigen CD24)
<b>Sequence :</b>	Amino acid:27-59,with FC tag.
<b>Human Gene Id :</b>	100133941
<b>Human Swiss Prot No :</b>	P25063
<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>	May have a pivotal role in cell differentiation of different cell types. Signaling could be triggered by the binding of a lectin-like ligand to the CD24 carbohydrates, and transduced by the release of second messengers derived from the GPI-anchor. Modulates B-cell activation responses. Promotes AG-dependent proliferation of B-cells, and prevents their terminal differentiation into antibody-forming cells (PubMed:11313396). In association with SIGLEC10 may be involved in the selective suppression of the immune response to danger-associated molecular patterns (DAMPs) such as HMGB1, HSP70 and HSP90. Plays a role in the control of autoimmunity (By similarity).
<b>Subcellular Location :</b>	Cell membrane; Lipid-anchor, GPI-anchor.
<b>Expression :</b>	B-cells. Expressed in a number of B-cell lines including P32/ISH and Namalwa. Expressed in erythroleukemia cell and small cell lung carcinoma cell lines. Also expressed on the surface of T-cells.

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