

CD24-FC recombinant protein

Catalog No :	YD3072
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	CD24
Protein Name :	Signal transducer CD24 (Small cell lung carcinoma cluster 4 antigen) (CD antigen CD24)
Sequence :	Amino acid:27-59,with FC tag.
Human Gene Id :	100133941
Human Swiss Prot No :	P25063
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Function :	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).
Subcellular Location :	Cell membrane; Lipid-anchor, GPI-anchor.
Expression :	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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