

CD131-FC recombinant protein

Catalog No :	YD3094
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	CSF2RB
Protein Name :	Cytokine receptor common subunit beta (CDw131) (GM-CSF/IL-3/IL-5 receptor common beta subunit) (CD antigen CD131)
Sequence :	Amino acid:17-443,with FC tag.
Human Gene Id :	1439
Human Swiss Prot No :	P32927
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Function :	Cell surface receptor that plays a role in immune response and controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells. Acts by forming an heterodimeric receptor through interaction with different partners such as IL3RA, IL5RA or CSF2RA (PubMed:1495999). In turn, participates in various signaling pathways including interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor/CSF2 pathways. In unstimulated conditions, interacts constitutively with JAK1 and ligand binding leads to JAK1 stimulation and subsequent activation of the JAK-STAT pathway (PubMed:9516124).
Subcellular Location :	Membrane; Single-pass type I membrane protein.

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