

GATA-3-FC recombinant protein

Catalog No :	YD3033
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	GATA3
Protein Name :	Trans-acting T-cell-specific transcription factor GATA-3 (GATA-binding factor 3)
Human Gene Id :	2625
Human Swiss Prot No :	P23771
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Function :	<p>Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'. Required for the T-helper 2 (Th2) differentiation process following immune and inflammatory responses. Positively regulates ASB2 expression (By similarity). Coordinates macrophage transcriptional activation and UCP2-dependent metabolic reprogramming in response to IL33. Upon tissue injury, acts downstream of IL33 signaling to drive differentiation of inflammation-resolving alternatively activated macrophages.</p>
Subcellular Location :	Nucleus.
Expression :	T-cells and endothelial cells.

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