

## GATA-3-FC recombinant protein

<b>Catalog No :</b>	YD3033
<b>Reactivity :</b>	Human;
<b>Purity :</b>	>90% as determined by SDS-PAGE
<b>Gene Name :</b>	GATA3
<b>Protein Name :</b>	Trans-acting T-cell-specific transcription factor GATA-3 (GATA-binding factor 3)
<b>Human Gene Id :</b>	2625
<b>Human Swiss Prot No :</b>	P23771
<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>	<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>
<b>Subcellular Location :</b>	Nucleus.
<b>Expression :</b>	T-cells and endothelial cells.

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