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32-20052: Recombinant Human sCD23(Discontinued)

Alternative Name : soluble CD23, CD23 antigen, Fc-epsilon-RII, Lymphocyte IgE receptor, BLAST-2

Description

Source:E.coliCD23, the low affinity receptor for IgE, belongs to the C-type lectin structural family and plays a role in the regulation of IgE synthesis and IgE mediated activities. It is found both as a transmembrane receptor protein and in a soluble form, which is generated by proteolytic cleavage of membrane bound CD23. The predominant soluble form of CD23 (sCD23) consists of 172 amino acids corresponding to the extracellular domain of the full length precursor. sCD23, in addition to binding IgE, also exerts a number of IgE-independent activities, such as promoting the activation and differentiation of B cells and stimulating the release of pro-inflammatory cytokines from monocytes. Recombinant Human sCD23 is a 19.2 kDa non-glycosylated protein containing 172 amino-acid residues.

Product Info

Amount : 5 µg / 20 µg

Purification : Purity: >= 96% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : MELQVSSGFV CNTCPEKWIN FQRKCYYFGK GTKQWVHARY ACDDMEGQLV SIHSPEEQDF LTKHASHTGS WIGLRNLDLK GEFIWVDGSH VDYSNWAPGE PTSRSQGEDC VMMRGSGRWN DAFCDRKLGA WVCDRLATCT PPASEGSAES MGPDSRPDPD GRLPTPSAPL HS

Application Note

Measured by its ability to induce TNF-alpha production by human PBMCs.