

RELIA*Tech* GmbH
Lindenerstr. 15
38300 Wolfenbüttel
Germany

Tel.: +49 5331 8586 987
Fax.: +49 5331 8586 989
Email: info@reliatech.de

Recombinant Human sCD23

Description: CD23, 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.

Source:	E. coli
Molecular Weight:	19.2 kDa
Purity:	> 96%, by SDS-PAGE and HPLC analysis
Endotoxin level:	< 0.1 ng per µg of sCD23
Stabilizer:	none
Formulation:	lyophilised

Biological Activity: Data not available!

Stability: The lyophilized protein is stable for at least 2 years from date of receipt at -20⁰C. Reconstituted sCD23 is stable for at least 3 months when stored in working aliquots with a carrier protein at -20⁰C. **Avoid repeated freeze/thaw cycles.**

Usage: Human sCD23 is offered for research use. Not for drug use. **Not for human use!**

Catalogue number: S01-050

Size: 20 µg