

Human CD23, soluble

Synonyms: Low affinity immunoglobulin epsilon Fc receptor, Lymphocyte IgE receptor, Fc-epsilon-RII, BLAST-2, Immunoglobulin E-binding factor, CD23 antigen, FCER2, CD23, FCE2, CD23A, IGEBF, CLEC4J.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	1241.950.005		
20 µg	1241.950.020		
1 mg	1241.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

sCD23 Human Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 172 amino acids and having a molecular mass of 19.2 kDa.

- **Source** *E. coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4*
- **Physical State** Sterile filtered, lyophilized

Biological Activity

The ED₅₀ is determined by its ability to induce TNF-alpha production by human PBMCs.

Reconstitution

It is recommended to reconstitute the lyophilized sCD23 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized sCD23 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution sCD23 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MELQVSSGFV CNTCPEKWIN FQRKCYFYGK GTKQVHARY ACDDMEGQLV SIHSPEEQDF LTKHASHTGS
 WIGLRNLDLK GEFIWVDGSH VDYSNWAPGE PTSRSQGEDC VMMRGSGRWN DAFCDRKLGA WVCDRLATCT
 PPASEGSAES MGPDSRPDPD GRLPTPSAPL HS

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.