

## Recombinant Human soluble CD23 (Human sCD23)

### Product Information

Product Name	Cat#	Size
	95401ES08	5 µg
Recombinant Human soluble CD23 (Human sCD23)	95401ES60	100 µg
	95401ES76	500 µg

### Product Description

CD23 is a type 2 transmembrane C-type lectin that binds IgE, CD21, CD11b and CD11c. It is expressed on a variety of hematopoietic cells and functions in allergic immune responses. Recombinant human sCD23 is a 19.2 kDa non-glycosylated protein containing 172 amino-acid residues.

### Product Properties

<b>Synonyms</b>	FCER2
<b>Accession</b>	P06734
<b>GeneID</b>	2208
<b>Source</b>	E.coli-derived human sCD23 protein, Met1-Ser321.
<b>Molecular Weight</b>	Approximately 19.2 kDa.
<b>AA Sequence</b>	MELQVSSGFV CNTCPEKWIN FQRKCYFYGK GTKQWVHARY ACDDMEGQLV SIHSPEEQDF LTKHASHTGS WIGLRNLDLK GEFIWVDGSH VDYSNWAPGE PTSRSQGEDC VMMRGSGRWN DAFCDRKLGAVWCDRLATCT PPASEGSAES MGPDSRPDPD GRLPTPSAPL HS
<b>Tag</b>	None
<b>Physical Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Purity</b>	>95% by SDS-PAGE and HPLC analyses.
<b>Biological Activity</b>	The ED <sub>50</sub> determined by its ability to induce TNF-alpha production by human PBMCs. Fully biologically active when compared to standard.
<b>Endotoxin</b>	< 0.1 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
<b>Reconstitution</b>	Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.

### Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

### Cautions

1. Avoid repeated freeze-thaw cycles.
2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only!