



# Recombinant Sheep Interleukin-4 (IL4)

<b>Product Code</b>	CSB-EP011659SH
<b>Relevance</b>	Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes. Positively regulates IL31RA expression in macrophages.
<b>Abbreviation</b>	Recombinant Sheep IL4 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P30368
<b>Alias</b>	B-cell stimulatory factor 1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Ovis aries (Sheep)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	HKCDITLEEIIKTLNILT SRKNSCMELPVADVFAAPKNATEKETFCRAGIELRRIY RSHMCLNKFLGGLDRNLSSLASKTCSVNEAKTSTSTLRDLLERLKTIMREKYSK C
<b>Research Area</b>	Immunology
<b>Source</b>	E.coli
<b>Target Names</b>	IL4
<b>Protein Names</b>	Recommended name: Interleukin-4 Short name= IL-4 Alternative name(s): B-cell stimulatory factor 1 Short name= BSF-1 Lymphocyte stimulatory factor 1
<b>Expression Region</b>	25-135aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10XHis-B2M-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	29.6kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	

