

# Human IL-6 (ELISA Standard) Recombinant Protein, eBioscience™

Product Details	
Size	4 pack
Species	Human
Expression system	E. coli
Amino acid sequence	Human IL-6, amino acids Pro29-Met212 (Accession # AF372214)
Molecular weight	21-28 kDa
Class	Recombinant
Type	Protein
Conjugate	Unconjugated
Form	Lyophilized
Purification	Affinity chromatography
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay-Dependent	-
Control (Ctrl)	Assay-Dependent	-

## Product Specific Information

**Description:** Human IL-6 (also known as B Cell Stimulating Factor BCSF, BSF-2) is a ~21-28 kDa factor produced by a variety of cell types including monocytes, fibroblasts and endothelial cells. Upon stimulation, macrophages, T, B, mast, glial cells, eosinophils, keratinocytes and granulocytes also secrete IL-6. This pleiotrophic cytokine influences antigen-specific immune response, inflammatory response, and the development of neurons and is a major mediator of the acute phase reaction.

**Applications Reported:** Human IL-6 RSG ELISA Lyophilized Standard has been reported for use in the Human IL-6 ELISA RSG (cat. 88-7066).

**Applications Tested:** The intended use of the Human IL-6 RSG ELISA Lyophilized Standard is as a standard for the Human IL-6 ELISA (cat. 88-7066). Typically the standard is run in a series of 7 doubling dilutions from the 'top' standard. Please refer to the Certificate of Analysis included with each ELISA set for instructions on the proper reconstitution and dilution of the lyophilized standard.

**Note:** These are single-use vials. Use one time within 4 hours of reconstitution and discard. Reconstitute and dilute as suggested in the Certificate of Analysis or recovery may not be accurate.

**Source:** E. coli expressed amino acids Pro 29-Met 212 of mature human IL-6 accession # AF372214.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.