

RECOMBINANT HUMAN INTERLEUKIN-11

CATALOG NUMBER:	IL011
LOT NUMBER:	
QUANTITY:	10 µg
DESCRIPTION:	Interleukin-11 (IL-11) is a potent lymphoid cell growth factor which stimulates the growth and survivability of certain B-cells and T-cells. Human IL-11 is a 19.1 kDa protein containing 178 amino acid residues.
SOURCE:	<i>E. coli</i>
PURITY:	Greater than 98% by SDS-PAGE and HPLC analysis. Endotoxin level is less than 0.1 ng per µg (1EU/ug) of IL-11.
ACTIVITY:	The ED ₅₀ as determined by the dose-dependent stimulation of the proliferation of mouse T11 cells is ≤ 2.0 ng/mL, corresponding to a specific activity of ≥ 5 x 10 ⁵ units/mg.
PRESENTATION:	Sterile filtered and lyophilized with no additives.
STORAGE/HANDLING:	The lyophilized powder, though stable for a few weeks at room temperature, is best stored at -20°C. After a quick spin, reconstitute in water to a concentration of 0.5-1.0 mg/mL. Please note: This solution is slow to dissolve. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. Reconstituted IL-11 should be stored in undiluted aliquots at -20°C for up to six months.

For research use only.