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32-7006: Recombinant Human Interleukin-11/IL-11

Gene : IL11
Gene ID : 3589
Uniprot ID : P20809

Description

Source: E. coli.
MW :19kD.
Recombinant Human Interleukin-11 is produced by our Yeast expression system and the target gene encoding Gly23-Leu199 is expressed. Interleukin 11 (IL-11) is a thrombopoietic growth factor that directly stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells and induces megakaryocyte maturation resulting in increased platelet production. IL-11 is a member of a family of human growth factors that includes human growth hormone, granulocyte colony-stimulating factor, and other growth factors.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 2% Glycine, pH 7.2.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	GPPPGPPRVSPDPRAELDSTVLLTRSLLADTRQLAAQLRDKFPADGDHNLDSLPTLAMSAGALGALQLPGVLTR LRADLLSYLRHVQWLRRAGGSSLKTLEPELGTLQARLDRLLRRLQLLMSRLALPQPPPDPPAPPLAPPSSAWGG IRAAHAILGGLHLTLDWAVRGLLLLKTRL

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Ã□Âµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.
Biological Activity : ED50 is less than 0.2 ng/ml. Specific Activity of 8.0 x 10^6 IU/ mg, measured by the dose-dependent stimulation of murine 7TD1 proliferation.