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32-12270: Mouse p28 subunit of IL-27 (AF)

Gene :	Il27
Gene ID :	246779
Uniprot ID :	Q8K3I6
Alternative Name :	Interleukin-27 subunit alpha, IL-27 subunit alpha

Description

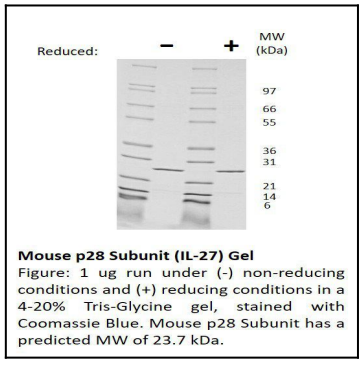
Source: Genetically modified E.coli.
Predicted MW:Â Monomer, 23.7 kDa (207 aa)
The p28 subunit of interleukin 27 (IL-27), also known as interleukin 30 (IL-30), is a member of the interleukin 12 (IL-12) family of cytokines. Â p28 is a secreted polypeptide that associates with the Epstein-Barr virus induced gene 3 (EBI3) to form the IL-27 cytokine heterodimer complex. Â IL-27 functions as a proinflammatory cytokine that induces immunomodulatory effects in naÃ¯ve CD4+ T cells, mast cells, and monocytes. Â p28 can also form a complex with cytokine-like factor 1 (CLF), that is secreted by dendritic cells, to regulate natural killer (NK) and T cell functions.Â

Product Info

Amount :	10 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium bicarbonate, pH 8.5 Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	Â MFPTDPLSLQ ELRREFTVSL YLARKLLSEV QGYVHSFAES RLPGVNLDLL PLGYHLPNVS LTFQAWHHLS DSERLCFLAT TLRPFPAMLG GLGTQGTWTS SEREQLWAMR LDLRDLHRHL RFQVLAAGFK CSKEEEDKEE EEEEEEEKK LPLGALGGPN QVSSQVSWPQ LLYTYQLLHS LELVLSRAVR DLLLLSLPRR PGSAWDS

Application Note

Endotoxin: Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80Ã□Â°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss. Ã□Â Ã□Â



Mouse p28 Subunit (IL-27) Gel
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse p28 Subunit has a predicted MW of 23.7 kDa.

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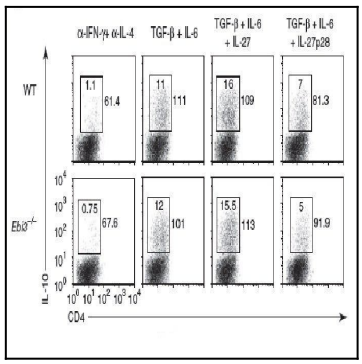

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