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32-12208: Human Interleukin-32 alpha

Gene :	IL32
Gene ID :	9235
Uniprot ID :	P24001-4
Alternative Name :	Natural killer cells protein 4, Tumor necrosis factor alpha-inducing factor

Description

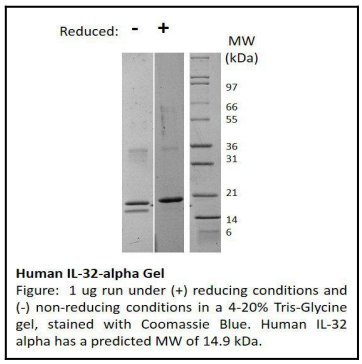
Source: Genetically modified E.coli.
Predicted MW:Â Monomer, 14.9 kDa (131 aa)
Interleukin 32 alpha (IL-32 alpha) is one of six known splice variants of the IL-32 gene. IL-32 alpha induces the macrophage production of inflammatory cytokines, such as interleukin 8 (IL-8), tumor necrosis factor-alpha (TNF-alpha), and macrophage inflammatory protein 2 (MIP-2). IL-32 alpha expression is increased after the activation of T cells, natural killer (NK) cells, and interferon gamma-treated epithelial cells.

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 50 mM sodium phosphate, pH 7.5 Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MCFPKVLSDD MKKLKARMHQ AIERFYDKMQ NAESGRGQVM SSLAELEDDF KEGYLETVAA YYEEQHPELT PLLEKERDGL RCRGNRSPVP DVEDPATEEP GESFCDKSYG APRGDKEELT PQKCSEPQSS K

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



Human IL-32-alpha Gel
Figure: 1 ug run under (+) reducing conditions and (-) non-reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human IL-32 alpha has a predicted MW of 14.9 kDa.

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