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32-12213: Mouse Interleukin-36 gamma

Gene : Il36g
Uniprot ID : Q8R460
Alternative Name : Interleukin-36 gamma, Interleukin-1 family member 9, IL-1F9

Description

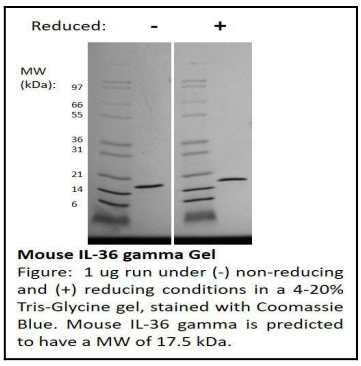
Source: Genetically modified E.coli.
Predicted MW:Â Monomer, 17.5 kDa (153 aa)
Interleukin 36 gamma (IL-36 gamma) is a member of the interleukin 1 (IL-1) cytokine family and protects against pathogens in the skin, lung, and stomach epithelial barriers. IL-36 gamma binds the interleukin-1 receptor accessory protein (IL-1RAcP) and the orphan IL-1R-related protein 2 (IL-1Rrp2) receptors to activate NF-kB and MAP kinase signaling pathways, resulting in the induced production of inflammatory cytokines and chemokines.

Product Info

Amount : 20 µg / 100 µg
Purification : Reducing and Non-Reducing SDS PAGE at >= 95%
Content : Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Sterile 10 mM sterile HCl at 0.1 mg/mL
Storage condition : Store at -20°C
Amino Acid : MGRETPDFGE VFDLDQQVWI FRNQALVTVP RSHRVTPVSV TILPCKYPES LEQDKGIAIY LGIQNPDKCL FCKEVNGHPT LLLKEEKILD LYHHPEPMKP FLFYHTRTGG TSTFESVAFP GHYIASSKTG NPIFLTSKKG EYYNINFNLD IKS

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 IL-36 gamma Gel
Figure: 1 ug run under (-) non-reducing and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse IL-36 gamma is predicted to have a MW of 17.5 kDa.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.