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32-12320: Human Tumor Necrosis Factor Receptor Type 1

Gene :	TNFRSF1A
Gene ID :	7132
Uniprot ID :	P19438
Alternative Name :	Tumor necrosis factor receptor superfamily member 1A, Tumor necrosis factor receptor 1, Tumor necrosis factor receptor type I, p55, CD120aÂ Â Â Â Â Â Â Â Â Â Â Â

Description

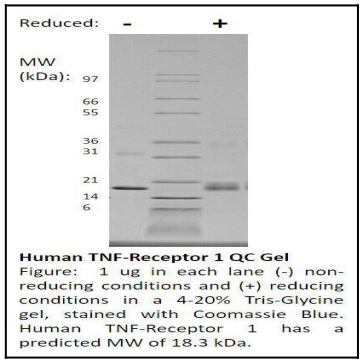
Source: Genetically modified E.coli.
Predicted MW:Â Monomer, 18.3 kDa (162 aa)
Tumor necrosis factor receptor type 1 (TNFR1) is expressed in most tissues and is activated by soluble and membrane-bound tumor necrosis factor alpha (TNFa). TNFR1 activates NF-kB and MAPK pathways to induce inflammation, promote apoptotic cell death, inhibit tumorigenesis, and inhibit viral replication.Â

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 10 mM sodium phosphate, pH 7.5 Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MDSVCPQGKY IHPQNNSICC TKCHKGTYLY NDCPGPGQDT DCRECESGSF TASENHLRHC LSCSKCRKEM GQVEISSCTV DRDTVCGCRKN QYRHYWSENL FQCFNCSLCL NGTVHLSCQE KQNTVCTCHA GFFLRENECV SCSNCKKSLE CTKLCLPQI EN

Application Note

Endotoxin: Less than 0.1 ng/Ã‚Âµg (1 IEU/Ã‚Âµg) as determined by LAL test.
Biological Activity was determined by Neutralization of human TNF alpha induced L929 cell cytolysis at <=100 ng/mL; >= 1.0 x 10^4 units/mg. 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.



Human TNF-Receptor 1 QC Gel
Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human TNF-Receptor 1 has a predicted MW of 18.3 kDa.

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