

TNFRSF1A

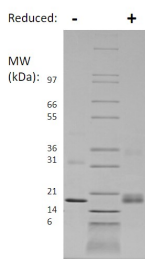
Recombinant Human TNF-RI/CD120a

Catalog No.	CRT104A CRT104B CRT104C CRT104D	Quantity:	5 µg 20 µg 1 mg 100 µg
Alternate Names:	Tumor necrosis factor receptor 1, TNFR1, Tumor necrosis factor receptor superfamily member 1A, CD120a		
Description:	TNF Receptor I (TNFR1) is expressed in most tissues and is activated by soluble and membrane-bound TNF-α. TNFR1 is known to activate NF-κB and MAPK pathways and functions to induce inflammation, promote apoptotic cell death, inhibit tumorigenesis and inhibit viral replication		
GenelD:	7132		
UniProt ID:	P19438		
Source:	<i>E. coli</i>		
Molecular Weight:	18.3 kDa, (162 aa)		
Formulation:	Recombinant human TNFR1 is lyophilized from 10 mM sodium phosphate, pH 7.5.		
Purity:	≥ 95% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	< 1EU/ug by kinetic LAL analysis		
Biological Activity:	≤ 100 ng/ml, determined by neutralization of human TNFα induced L929 cell cytotoxicity.		
Specific Activity:	≥ 1.0 x 10 ⁴ units/mg		
Amino Acid Sequence:	MDSVCPQGKY IHPQNNSICC TKCHKGTYLY NDCPGPGQDT DCRECESSGSF TASENHLRHC LSCSKCRKEM GQVEKSSCTV DRDTCVGCGRK NQYRHYWSEN LFQCFNCSLC LNGTVHLSCQ EKQNTVCTCH AGFFLRENEC VSCSNCKKSL ECTKLCLPQI EN		
Reconstitution:	Centrifuge vial prior to opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. Do not vortex. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.		



Storage & Stability:

Lyophilized product is stable at room temperature for shipping purposes. After receipt, store at $\leq 20^{\circ}\text{C}$. After reconstitution, the preparation is stable for up to one week at $2-8^{\circ}\text{C}$. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C . For long term storage of reconstituted protein, it is recommended that a carrier protein such as 0.1% BSA or HSA be added. This depends on the particular application employed. **Avoid repeated freeze/thaw cycles.**



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.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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