

Recombinant Human soluble Tumor Necrosis Factor Receptor Type II/TNFRSF1B (Human sTNF RII/TNFRSF1B)

Product Information

Product Name	Cat#	Size
Recombinant Human soluble Tumor Necrosis Factor Receptor Type II/TNFRSF1B (Human sTNF RII/TNFRSF1B)	90619ES08	5µg
	90619ES60	100µg
	90619ES76	500µg

Product Description

TNF RII (Tumor Necrosis Factor Receptor II), also known as TNFRSF1B, p75/p80, and CD120b, is a widely expressed receptor for membrane-associated TNF-alpha and Lymphotoxin-alpha. Its activation initiates pro-inflammatory and pro-survival responses via NFkB-dependent signaling pathways, although it may also induce apoptosis.

Product Properties

Synonyms	Human sTNF RII
Accession	P20333
GeneID	7133
Source	E.coli-derived Human sTNF RII protein, His1572-Lys1754.
Molecular Weight	Approximately 20.0 kDa
AA Sequence	MPAQVAFTPY APEPGSTCRL REYYDQTAQM CCSKCSPGQH AKVFCTKTS D TVCDSCEDST YTQLWNWVPE CLSCGSRCSS DQVETQACTR EQNRICTCRP GWYCALSQKE GCRLCAPLRK CRPGFGVARP GTETSDVVCK PCAPGTFSNT TSSTDICRPH QICNVVAIPG NASMDAVCTS TSPT
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to inhibit the TNF-α mediated cytotoxicity in the L-929 cells is less than 0.2 µg/mL, corresponding to a specific activity of > 5000 IU/mg in the presence of 0.25 ng/mL of rHuTNF-α.
Endotoxin	< 0.1 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
Reconstitution	Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

Cautions

1. Avoid repeated freeze-thaw cycles

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2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only.