

Recombinant Human Soluble TNF-Receptor Type II (sTNF-RII)








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Catalog Number:	PHR3025
Quantity:	20 µg
Lot Number:	See product label.
Molecular Weight:	18.9 kDa, 174 amino acid residues (corresponding to the extracellular domain).
Purity:	≥98% by SDS-PAGE and HPLC analyses.
Biological Activity:	ED ₅₀ = 0.125 µg/mL. The biological activity was determined by measuring the inhibition of TNF-α mediated cytotoxicity in murine L929 cells in the presence of 0.25 ng/mL TNF-α. sTNF-RII is also known as sCD120b and p75.
Formulation:	Lyophilized from 10 mM sodium phosphate, pH 8.0, with 50 mM NaCl. Sterile filtered prior to lyophilization.
Endotoxin:	<0.1 ng/µg
Production:	Produced in <i>E. coli</i> and purified by sequential chromatography.
Reconstitution Recommendation:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute sTNF-RII in sterile, distilled water to a concentration of 0.1–1.0 mg/mL. Further dilutions should be made in aqueous buffers supplemented with carrier protein, such as 0.1–1.0% BSA. Do not vortex. This solution can be stored at 2°C to 8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein, such as 0.1% BSA and store in working aliquots at –20°C to –80°C.
Suggested Working Dilutions:	The optimal concentration should be determined for each specific application.
Storage:	The lyophilized protein is stable at room temperature for 1 month, but should be kept at –20°C for long term storage. Working aliquots stored with a carrier protein are stable for at least 3 months at –20°C to –80°C. Avoid repeated freeze/thaw cycles.
Expiration Date:	See product label.

Explanation of Symbols

The symbols present on the product label are explained below:

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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