

Human Soluble Tumor Necrosis Receptor factor Type II (rDNA derived) Reference standard

Cat. No. TNFRSF1B-126H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species

Human

Enzyme Unit

The exact amount of soluble TNF receptor required to neutralise TNF will be dependent on the TNF concentration used in the assay method employed. Bioassay calibration using an appropriate TNF ligand with a suitable dilution of the sTNF-RII should be determined for individual methods.

Usage

No attempt should be made to weigh out any portion of the freeze-dried material. Dissolve the total contents of the ampoule with 0.5ml of sterile distilled water. Rinse the ampoule with about 0.4ml of sterile distilled water and make up the total volume to 1.0ml. This solution will contain soluble TNF-RII at a concentration of 10 micrograms/ml. Use carrier protein where extensive dilution is required.

Notes

This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

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Stability

This preparation has not been assessed for long term stability, but evidence from similar materials prepared by an equivalent process indicates that long term stability is likely to be maintained and the material is suitably stable for shipment at ambient temperature. Once reconstituted, diluted or aliquoted, users should determine the stability of the material according to their own method of preparation, storage and use. Users who have data supporting any deterioration in the characteristics of any reference preparation are encouraged to contact Creative Biomart.

Storage

For economy of use, it is recommended that the solution be sub-divided into several small aliquots and stored at -40°C or below. Avoid repeated thawing/freezing. Unopened ampoules should be stored at -20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name	TNFRSF1B tumor necrosis factor receptor superfamily, member 1B [Homo sapiens];
Official Symbol	TNFRSF1B
Synonyms	p75; TBP2; TNFBR; TNFR2; CD120b; TNFR1B; TNFR80; TNF-R75; p75TNFR; TNF-R-II; tumor necrosis factor receptor superfamily member 1B; TNF-R2; TNF-R11; p75 TNF receptor; p80 TNF-alpha receptor; soluble TNFR1B variant 1; tumor necrosis factor receptor 2; tumor necrosis factor beta receptor; tumor necrosis factor receptor type II; tumor necrosis factor binding protein 2
Gene ID	7133
mRNA Refseq	NM_001066
Protein Refseq	NP_001057

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MIM	191191
UniProt ID	P20333
Chromosome Location	1p36.22
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; TNF signaling pathway, organism-specific biosystem
Function	protein binding; tumor necrosis factor-activated receptor activity; ubiquitin protein ligase binding

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