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## Product Datasheet

### Recombinant Human TNF RII (C-mFc) EBT-EPT211

Article Name	Recombinant Human TNF RII (C-mFc)
Biozol Catalog Number	EBT-EPT211
Supplier Catalog Number	EPT211
Alternative Catalog Number	EBT-EPT211-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 1B is produced by our Mammalian expression system and the target gene encoding Pro24-Thr206 is expressed with a mFc tag at the C-terminus....
Molecular Weight	Molecular weight: 46.44 KDa. Apparent molecular weight: 60 KDa, reducing conditions
UniProt	<a href="#">P20333</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test. Background: Tumor necrosis factor receptor superfamily member 1B (TNFRSF1B) is a member of the tumor necrosis factor receptor superfamily. Human TNF RII contains four cysteinerich repeats in its ECD, which shares 58% and 56% amino acid sequence identity with the mouse and rat orthologs, respectively. TNF RII is expressed predominantly on cells of the hematopoietic lineage, such as T and natural killer cells, as well as on endothelial cells, microglia, astrocytes, neurons, oligodendrocytes, cardiac myocytes, thymocytes, and mesenchymal stem cells. TNF RII binds to the membranebound forms of TNFalpha and Lymphotoxinalpha/TNFbeta; soluble TNF is thought to signal predominately through TNF RI. Soluble TNF RII is believed to inhibit TNF biological activity by binding TNF thereby preventing it from activating membrane TNF receptors