Recombinant Human TNFRSF1B

Cat No:HR2R2022

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	TNFRSF1B
Gene ID	7133
Accession	P20333
Alternative Name	sTNF Receptor Type II, sTNFRII, TNFRSF1B, Tumor necrosis factor receptor 2, TNF-RII, TNF-R2, TNFR-II, TNFR75, TNFR80, p80 TNF-alpha receptor Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 1B (TNFRSF1B)
Species	Human
Source	E. coli
Description	TNFRSF1B is a single-pass type-1 transmembrane protein that functions as a receptor with high affinity for TNFSF2/TNF-alpha . It has been shown that signaling through this receptor regulates various biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, coagulation, and neurotransmission. Recombinant human TNFRSF1B comprises the extracellular domain (ligand binding) of the TNFRII protein.
Functions	The ED(50) was determined by the dose-dependent proliferation of Immortalized human renal proximal tubule cells and was found to be <0.05ng/mL.
Formulation	Lyophilized from a 0.2 ?m filtered solution in PBS.
Solubility	Reconstitute at 0.1mg/mL in sterile PBS.
Appearance	Lyophilized Powder
Molecular Weight	19
Purity	>95% as determined by SDS-PAGE
Concentration	< 1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70?C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.