

Recombinant Human TNFRSF8 Protein (Phe19-Lys379)

Product Information

Cat	IMP-9853
Official Symbol	TNFRSF8
Product Overview	Recombinant human CD30/TNFRSF8 protein (Phe19-Lys379) without tag was expressed in Mouse myeloma cell line.
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
Expression System	Mouse myeloma cell line
Species	Human
Tag	Tag Free
Predicted N Terminal	Phe19
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Molecular Mass	Predicted Molecular Mass: 38.4 kDa (monomer) SDS-PAGE: 65-85 kDa, reducing conditions
Protein length	Phe19-Lys379
Bio-activity	Measured by its ability to block CD30 Ligand-induced IL-6 secretion by HDLM human Hodgkin's lymphoma cells. The ED50 for this effect is 1.00-5.00 µg/mL in the presence of 50 ng/mL of Recombinant Human CD30 Ligand.
Endotoxin	
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 100 µg/mL in PBS.