


Human CD30/TNFRSF8 protein, His tag (Animal-Free)

Cat #: PRP2034

Size: 10 µg/ 50 µg/100 µg/1 mg

Product Information

	Product Name: Human CD30/TNFRSF8 protein, His tag (Animal-Free)		
REF	Catalog Number: PRP2034	LOT	Lot Number: Refer to product label
	Purity: >95% as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: HEK 293 Cells
	Shipping: The product is shipped at ambient temperature.		

Background: CD30 is a member of the tumor necrosis factor receptor superfamily, member 8 (TNFRSF8), and its normal expression is restricted to activated T and B cells. In tumor cells, CD30 expression is most commonly associated with lymphoid malignancies (Hodgkin and non-Hodgkin lymphomas) and is a therapeutic target using anti-CD30 antibody. CD30 expression has been reported also in mostly adult non-lymphoid malignancies, raising the possibility of CD30-targeted therapy for additional tumors. CD30 is normally not expressed by mast cells, which regulates proliferation/apoptosis and antibody responses. Aberrant expression of CD30 by mastocytosis mast cells and interaction with its ligand CD30L (CD153) appears to play an important role in the pathogenesis and clinical presentation of systemic mastocytosis.

Sequence: Amino acid sequence derived from human CD30 protein (NP_001234.2, Met 1-Lys 379) was expressed with a polyhistidine tag at the C-terminus.

Protein length: The recombinant human CD30 protein consists of 368 amino acids and predicts a molecular mass of 40 kD. The apparent molecular mass of the human CD30 is approximately 75-90 kDa in SDS-PAGE under reducing conditions due to glycosylation.

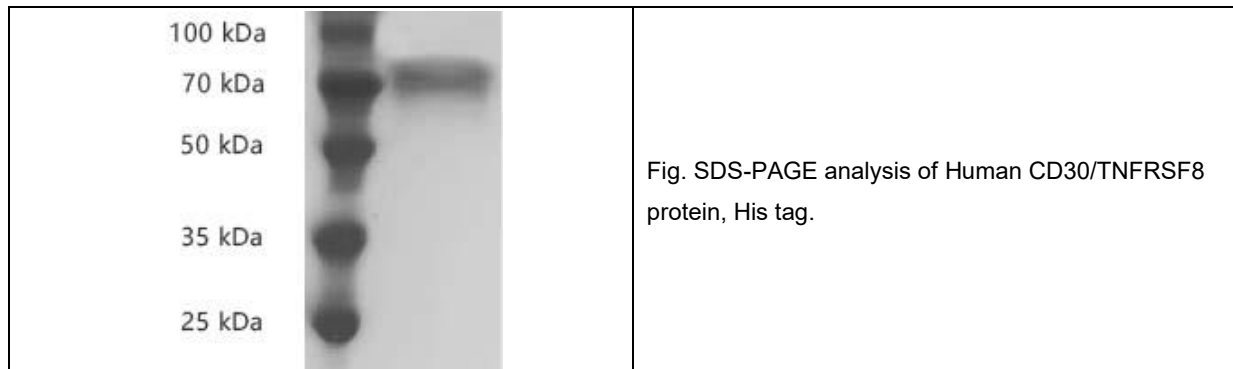
Biological Activity: Testing in progress.

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile PBS, pH 7.4.

Storage Instructions: Lyophilized human CD30 protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2 -7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized human CD30 protein in the buffer which we provide not less than 100 µg/mL, which can then be further diluted to other aqueous solutions.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.