

Active Recombinant Human TNFRSF8 Protein, LIgG2b Fc-tagged, low endotoxin

Cat. No. TNFRSF8-373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF8 Protein, LIgG2b Fc-tagged, low endotoxin is expressed from human 293 cells (HEK293). It contains AA Phe 19 - Lys 379 (Accession # NP_001234.2). Predicted N-terminus: Phe 19. This protein carries a llama IgG2b Fc tag at the C-terminus. The protein has a calculated MW of 66.3 kDa. The protein migrates as 95-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Species	Human
Source	HEK293
ProteinLength	Phe 19 - Lys 379
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Recombinant Human TNFRSF8 Protein, LIgG2b Fc-tagged, low endotoxin at 0.5 µg/mL (100 µL/well) can bind Anti-CD30 Mab, Human IgG1 with a linear range of 0.1-1.6 ng/mL (QC tested).
Molecular Mass	66.3 kDa
Endotoxin	Less than 0.01 EU per µg by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% as determined by SDS-PAGE.
Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNFRSF8 tumor necrosis factor receptor superfamily, member 8 [Homo sapiens]
Official Symbol	TNFRSF8
Synonyms	TNFRSF8; tumor necrosis factor receptor superfamily, member 8; CD30, D1S166E; KI 1; Ki-1 antigen; CD30L receptor; CD30; Ki-1; D1S166E;
Gene ID	943
mRNA Refseq	NM_001243
Protein Refseq	NP_001234
MIM	153243

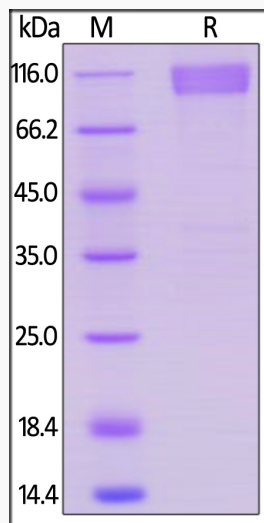
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UniProt ID

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