

Human CellExp CD30 /TNFRSF8, human recombinant protein
TNFRSF8, CD30, D1S166E, Ki-1
Catalog # PBV11012r**Specification**

Human CellExp CD30 /TNFRSF8, human recombinant protein - Product infoPrimary Accession
Calculated MW[P28908](#)

This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 39.3 kDa. The predicted N-terminus is Phe 19. DTT-reduced Protein migrates as 75-90 kDa due to glycosylation. KDa

Human CellExp CD30 /TNFRSF8, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
TNFRSF8, CD30, D1S166E, Ki-1**943**
TNFRSF8Gene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥95%
N/A;
Yes
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 typically 0.5 - 2.5
µg/ml in the presence of 50 ng/ml of
Recombinant Human CD30 Ligand.

Target/Specificity
CD30 /TNFRSF8**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized**Storage**
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.**Human CellExp CD30 /TNFRSF8, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp CD30 /TNFRSF8, human recombinant protein - Images

Human CellExp CD30 /TNFRSF8, human recombinant protein - Background

Human CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor family and tumor marker. TNFRSF-8 is expressed by activated, but not by resting, T and B cells. Also, CD30 is expressed on classical Hodgkin Lymphoma cells together with CD15. CD30 is the receptor for TNFSF8/CD30L. CD30 can interact with TRAF2 and TRAF5, and mediate the signal transduction that leads to the activation of NF-kappa-B. TNFRSF8 may play a role in the regulation of cellular growth and transformation of activated lymphoblasts. TNFRSF8 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.

Human CellExp CD30 /TNFRSF8, human recombinant protein - References

Duerkop H.,et al.Cell 68:421-427(1992).
Jung W.,et al.Mol. Immunol. 31:1329-1334(1994).
Horie R.,et al.Blood 88:2422-2432(1996).
Duerkop H.,et al.Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).