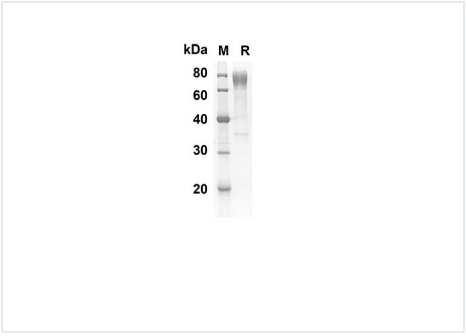
CD30 Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	CD30, Recombinant Protein
Full Product Name	Recombinant Mouse CD30 Protein (Fc Tag)
Product Gene Name	CD30 recombinant protein
Sequence	Phe19-Thr2 81
Host	Mammalian
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Purity/Purification	>90% as determined by reducing SDS-PAGE.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months.
Molecular Weight	53,216 Da
3D Structure	ModBase 3D Structure for Q60846
Species	Mouse
Tag	C-Fc
Endotoxin	<1.0EU/mg of the protein as determined by the LAL method.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5mg/mL. Concentration is measured by UV-Vis.
Product Categories/Family for CD30 recombinant protein	Proteins; Recombinant Proteins; Immune Checkpoint Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CD30 recombinant protein	MBS2581313 is a recombinant protein targeting CD30. Also known as Recombinant Mouse CD30 Protein (Fc Tag). Host: Mammalian.
Other Notes	Small volumes of CD30 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-PAGE of CD30 recombinant protein
SDS-PAGE analysis of Mouse CD30 proteins, 2ug/lane of Recombinant Mouse CD30 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 53.8KD

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD30. It may not necessarily be applicable to this product.

NCBI GI #	21264091
NCBI GeneID	21941
NCBI Accession #	Q60846.1
UniProt Primary Accession #	Q60846
UniProt Related Accession #	Q60846
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 8
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 8
NCBI Official Symbol	Tnfrsf8
NCBI Official Synonym Symbols	Ki; Cd30; Ki-1; D1S166E
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 8
UniProt Synonym Protein Names	CD30L receptor; Lymphocyte activation antigen CD30; CD_antigen: CD30
Protein Family	CD302 antigen
UniProt Gene Name	Tnfrsf8
UniProt Entry Name	TNR8_MOUSE
NCBI Protein Information	tumor necrosis factor receptor superfamily member 8; CD30L receptor; lymphocyte activation antigen CD30
UniProt Comments for CD30	TNFRSF8: Receptor for TNFSF8/CD30L. May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF- kappa-B. 2 isoforms of the human protein are produced by alternative initiation. Protein type: Receptor, misc.; Membrane protein, integral Cellular Component: membrane; integral to membrane Molecular Function: transmembrane receptor activity Biological Process: positive regulation of tumor necrosis factor biosynthetic process; positive regulation of apoptosis; positive regulation of TRAIL biosynthetic process; signal transduction; activation of NF-kappaB transcription factor
Research Articles on CD30	**1.** role in the maintenance and activation of IL-17A-producing gammadelta T cells
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