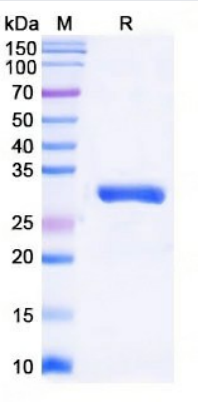
CD101 Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	CD101, Recombinant Protein
Full Product Name	Recombinant Mouse CD101 Protein, N-His
Product Gene Name	CD101 recombinant protein
Product Synonym Names	EWI-101; CD101; IgSF2; Cell surface glycoprotein V7; V7; Glu-Trp-Ile EWI motif-containing protein 101; IGSF2; EWI101; Immunoglobulin superfamily member 2
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 degree C for twelve months from the date of receipt.
Molecular Weight	114,205 Da
Sequence Positions	Ser412-Thr668
3D Structure	ModBase 3D Structure for A8E0Y8
Species	Mouse
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for CD101 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for CD101 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for CD101 recombinant protein	MBS1579003 is a recombinant protein targeting CD101. Also known as Recombinant Mouse CD101 Protein, N-His. Host: E coli.
Other Notes	Small volumes of CD101 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 CD101 recombinant protein
SDS-PAGE for Recombinant Mouse CD101 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD101. It may not necessarily be applicable to this product.

NCBI GI #	157390470
NCBI GeneID	0
NCBI Accession #	CAO94507.1
UniProt Primary Accession #	A8E0Y8
UniProt Secondary Accession #	A8E0Y9
NCBI Official Full Name	CD101 protein
UniProt Protein Name	Immunoglobulin superfamily member 2
UniProt Synonym Protein Names	Glu-Trp-Ile EWI motif-containing protein 101; EWI-101; CD_antigen: CD101
Protein Family	Immunoglobulin superfamily
UniProt Gene Name	Cd101
UniProt Synonym Gene Names	Igsf2; IgSF2; EWI-101
UniProt Entry Name	IGSF2_MOUSE
UniProt Comments for CD101	IGSF2: Plays a role as inhibitor of T-cells proliferation induced by CD3. Inhibits expression of IL2RA on activated T-cells and secretion of IL2. Inhibits tyrosine kinases that are required for IL2 production and cellular proliferation. Inhibits phospholipase C-gamma-1/PLCG1 phosphorylation and subsequent CD3- induced changes in intracellular free calcium. Prevents nuclear translocation of nuclear factor of activated T-cell to the nucleus. Plays a role in the inhibition of T-cell proliferation via IL10 secretion by cutaneous dendritic cells. May be a marker of CD4(+) CD56(+) leukemic tumor cells. Protein type: Immunoglobulin superfamily; Membrane protein, integral Cellular Component: membrane; integral to membrane Biological Process: positive regulation of myeloid leukocyte differentiation
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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