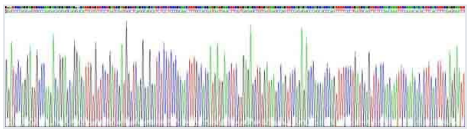
Integrin Alpha X (CD11c) Eukaryotic Protein

PRODUCT OVERVIEW

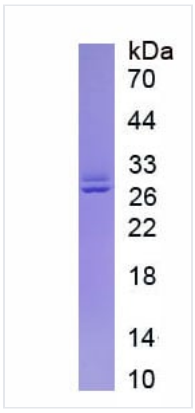
Product Name	Integrin Alpha X (CD11c), Protein
Full Product Name	Eukaryotic Integrin Alpha X (CD11c)
Product Gene Name	CD11c protein
Product Synonym Names	CD11c/Integrin Alpha X; ITGaX; CD11-C; ITG-AX; ITGA-X; Leu M5; Complement Component 3 Receptor 4 Subunit; CD11 antigen-like family member C; Leukocyte adhesion glycoprotein p150,95 alpha chain
Sequence	Gln143~Ser 344
Host	293F Cell
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Purity/Purification	Greater than 95% by SDS-PAGE
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determinedby accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and noobvious degradation and precipitation were observed. The loss rate is less than 5% within theexpiration date under appropriate storage condition.
Matching Pairs	Antibody: CD11c Clone #D1 (MBS2141194) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D3 (MBS2141195) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #C4 (MBS2141425) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D1 (MBS2142775) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D3 (MBS2142776) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #C4 (MBS2143006) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D1 (MBS2144354) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D3 (MBS2144355) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #C4 (MBS2144585) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D1 (MBS2145934) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D3 (MBS2145935) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #C4 (MBS2146165) Immunogen: CD11c (MBS2125368)

Matching Pairs	Antibody: CD11c Clone #D1 (MBS2147515) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D3 (MBS2147516) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #C4 (MBS2147746) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D1 (MBS2149096) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D3 (MBS2149097) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #C4 (MBS2149327) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D1 (MBS2150676) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D3 (MBS2150677) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #C4 (MBS2150907) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D1 (MBS2152251) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #D3 (MBS2152252) Immunogen: CD11c (MBS2125368)
Matching Pairs	Antibody: CD11c Clone #C4 (MBS2152482) Immunogen: CD11c (MBS2125368)
Molecular Weight	150kDa
Chromosome Location	Chromosome: 16; NC_000016.9 (31366488..31394320). Location: 16p11.2
OMIM	151510
3D Structure	ModBase 3D Structure for P20702
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Eukaryotic expression
Organism Species	Human
Isoelectric Point	7.1
Subcellular Location	Membrane
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Product Categories/Family for CD11c protein	CD & Adhesion molecule; Tumor immunity; Infection immunity; Hematology; Eukaryotic recombinant
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for CD11c protein	Positive Control, Immunogen, SDS-PAGE, Western Blot (WB)
Related Product Information for CD11c protein	MBS2125368 is a protein targeting CD11c. Also known as Eukaryotic Integrin Alpha X (CD11c). Host: 293F Cell.

Other Notes	Small volumes of CD11c 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.



Gene Sequencing of CD11c protein
Gene Sequencing (extract)



SDS-Page of CD11c protein
SDS-PAGE

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD11c. It may not necessarily be applicable to this product.

NCBI GI #	34452173
NCBI GeneID	3687
NCBI Accession #	NP_000878.2
UniProt Primary Accession #	P20702
UniProt Secondary Accession #	Q8IVA6
UniProt Related Accession #	P20702
GenBank Nucleotide #	NM_000887.3
NCBI Official Full Name	integrin alpha-X
NCBI Official Synonym Full Names	integrin, alpha X (complement component 3 receptor 4 subunit)
NCBI Official Symbol	ITGAX
NCBI Official Synonym Symbols	CD11C; SLEB6
UniProt Protein Name	Integrin alpha-X
UniProt Synonym Protein Names	CD11 antigen-like family member C; Leu M5; Leukocyte adhesion glycoprotein p150,95 alpha chain; Leukocyte adhesion receptor p150,95
UniProt Gene Name	ITGAX
UniProt Synonym Gene Names	CD11C
UniProt Entry Name	ITAX_HUMAN
NCBI Protein Information	integrin alpha-X; leu M5, alpha subunit; p150 95 integrin alpha chain; CD11 antigen-like family member C; leukocyte adhesion receptor p150,95; myeloid membrane antigen, alpha subunit; leukocyte surface antigen p150,95, alpha subunit; leukocyte adhesion gl
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