

Product Information

MemDX™ Membrane Protein Human CD6 (CD6 molecule) Full Length

Cat. No.: **MPC4133K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human CD6 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CD6

Protein Length

Full length

Protein Class

Immunity

TMD

1

Sequence

MWLFFGITGLLTAALSGHPSPAPPDQLNTSSAESELWEPGERLPVRLTNG
SSSCSGTVEVRLEASWEPACGALWDSRAAEAVCRALGCGGAEAAASQLAPP
TPELPPPPAAGNTSVAANATLAGAPALLCSGAEWRLCEVVEHACRSDGRR
ARVTCAENRALRLVDGGGACAGRVEMLEHGEWGSVCDDTDLEDHVVCR
QLGCGWAVQALPGLHFTPGRGPIHRDQVNCSGAEAYLWDCPGLPGQHYCG
HKEDAGAVCSEHQSWRLTGGADRCEGQVEVHFRGVWNTVCDSEWYPSEAK
VLCQSLGCGTAVERP KGLPHSLSGRMYYS CNGEELT LSNCSWRFNNSNLC
SQSLAARVLC SASRSLHNLSTPEVPASVQTVTIESSVTVKIENKESRELM
LLIPSIVLGILLGSLIFIAFILLRIKGKYALPVMVNHQHLPTTIPAGSN
SYQPVPI TIPKEVFMLPIQVQAPPPEDSDSGSDSDYEHYDFSAQPPVALT
TFYNSQRHRVTDEEVQQSRFQMPPLEEGLEELHASHIPTANPGHCITDPP
SLGPQYHPRSNSSESSTSSGEDYCNPSKSKLPWNPQVFSSERSSFLEQPP
NLELAGTQPAFSAGPPADDSSSTSSGEWYQNFQPPPQPPSEEQFGCPGSP
SPQPDSTDNDYDDISAA

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

CD6

Full Name

CD6 molecule

Introduction

This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. This gene may be associated with susceptibility to multiple sclerosis (PMID: 19525953, 21849685). Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

CD6; TP120; T-cell differentiation antigen CD6; CD6 antigen; T12; CD6 molecule

Gene ID

[923](#)

UniProt ID

[P30203](#)