

Product Information

MemDX™ Membrane Protein Human ITGAX (Integrin subunit alpha X) Full Length

Cat. No.: **MPC4030K**

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

This product is a made-to-order Human ITGAX 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

ITGAX

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MTRTRAALLLFTALATSLGFNLDTEELTAFRVDSAGFGDSVVQYANSWVV
VGAPQKITAANQTGGLYQCGYSTGACEPIGLQVPPEAVNMSLGLSLASTT
SPSPLLACGPTVHHECGRNMYLTGLCFLLGPTQLTQRLPVSRQECPRQEQ
DIVFLIDGSGSISSRNFATMMNFVRAVISQFQRPSTQFSLMQFSNKFQTH
FTFEFRSSNPLSLLASVHQLQGFTYTATAIQNVVHRLFHASYGARRDA
AKILIVITDGKKEGDSLDDYKDVIPMADAAGIIRYAIGVGLAFQNRNSWKE
LNDIASKPSQEHIFKVEDFDALKDIQNQLKEKIFAIEGTETTSSSSFELE
MAQEGFSAVFTPDGPVLGAVGSFTWSGGAFLYPPNMSPTFINMSQENVDM
RDSYLGSTELALWKGVSLSVLGAPRYQHTGKAVIFTQVSRQWRMKA EVT
GTQIGSYFGASLCSVDVSDGSTDVLIGAPHYYEQTRGGQVSVCP LPRG
WRRWWCDAVLYGEQGHWPGRFGAALTVLGDVNGDKLTDVVIGAPGEEENR
GAVYLFHGVLGPSISPSHSQRIAGSQLSSRLQYFGQALSGGQDLTQDGLV
DLAVGARGQVLLLRTRPVLWVGVSQMFIAPAEIPRSFECREQVVS EQLTV
QSNICLYIDKRKNLLGSRDLQSSVTLDLALDPGR LSPRATFQETKNRSL
SRVRVLGLKAHCENFNLLLPSCVEDSVTPITLRLNFTLVGKPLLA FRNLR
PMLAADAQRYFTASLPFEKNCGADHICQDNLGISFSFPGLKSL LVGSNLE
LNAEVMVWNDGEDSYGTTITFSHPAGLSYRYVAEGQKQGQLRSLHLTCD S
APVGSQGTWSTSCRINHLIFRGAQITFLATFDVSPKAVLGDRLLLTANV
SSENTPRTSKTTTFQLELPVKYAVYTVVSSHEQFTKYLNFSESEEKESHV
AMHRYQVNNLGQRDLPV SINFVWPVELNQEAVWMDVEVSH PQNP SLRCSS
EKIAPPASDFLAHIQKNPVLDCSIAGCLRFRCDVPSFSVQEELDFTLKG N
LSFGWVRQILQKKVSVSVAEITFDTSVYSQLPGQEA FMRAQTTTVLEKY
KVHNPTPLIVGSSIGLLLLLALITAVLYKVGFFKRQYKEMMEEANGQIAP
ENGTQTPSPPEK

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

ITGAX

Full Name

Integrin subunit alpha X

Introduction

This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

ITGAX; CD11C; SLEB6; integrin alpha-X; CD11 antigen-like family member C; complement component 3 receptor 4 subunit; integrin alpha X; integrin, alpha X (antigen CD11C (p150), alpha polypeptide); integrin, alpha X (complement component 3 receptor 4 subunit); leu M5, alpha subunit; leukocyte adhesion glycoprotein p150,95 alpha chain; leukocyte adhesion receptor p150,95; leukocyte surface antigen p150,95, alpha subunit; myeloid membrane antigen, alpha subunit; p150 95 integrin alpha chain; Integrin subunit alpha X

Gene ID

[3687](#)

UniProt ID

[P20702](#)