

Product Information

MemDX™ Membrane Protein Human GPA33 (Glycoprotein A33) Full Length

Cat. No.: **MPC1521K**

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

This product is a 35.6 kDa Human GPA33 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

GPA33

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

35.6 kDa

TMD

1

Sequence

MVGKMWPVLWTLCAVRVTVD AISVETPQDVL RASQGKSVTL PCTYHTSTS
SREG LIQWDK LLLTHT ERVVIWPF SNKNYIH GELYKN RVSI SNNAEQSDA
SITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLVLVPPSKPECGIEG
ETIIGNNIQLTCQSKESPTPQYSWKRYNILNQEQLAQPASGQPVSLKN
ISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALYVGIAVGVAALI
IIGIIYCCCCRGKDDNTEDKEDARPNREAYEPPPEQLRELSREREEDD
YRQEEQRSTGRES PDHLDQ

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

GPA33

Full Name

Glycoprotein A33

Introduction

The glycoprotein encoded by this gene is a cell surface antigen that is expressed in greater than 95% of human colon cancers. The open reading frame encodes a 319-amino acid polypeptide having a putative secretory signal sequence and 3 potential glycosylation sites. The predicted mature protein has a 213-amino acid extracellular region, a single transmembrane domain, and a 62-amino acid intracellular tail. The sequence of the extracellular region contains 2 domains characteristic of the CD2 subgroup of the immunoglobulin (Ig) superfamily.

Alternative Names

GPA33; A33; cell surface A33 antigen; glycoprotein A33 (transmembrane); transmembrane glycoprotein A33; Glycoprotein A33

Gene ID

[10223](#)

UniProt ID

[Q99795](#)