

Product Information

MemDX™ Membrane Protein Human GPA33 (Glycoprotein A33) for Antibody Discovery

Cat. No.: **MP0430X**

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

This product is a 62 kDa Human GPA33 membrane protein expressed in *in vitro* wheat germ expression system. 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

Molecular Weight

62 kDa

TMD

1

Sequence

MVGKMWPVLWTLCAVRVTVD AISVETPQDVL RASQGKSVTL PCTYHTSTSSREGLIQWDKLLLTHTERVVIWPF SNKNYIHGELYK

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

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

A33

Gene ID

[10223](#)

UniProt ID

[Q99795](#)