

Product Information

MemDX™ Membrane Protein Human ADGRB2 (Adhesion G protein-coupled receptor B2)

Expressed in HEK293 for Antibody Discovery, Partial (21-911aa)

Cat. No.: **MPX0018K**

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

This product is a 123 kDa Human ADGRB2 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

ADGRB2

Protein Length

Partial (21-911aa)

Protein Class

GPCR

Molecular Weight

123 kDa

TMD

7

Sequence

LSVILSLRLATAFDPAAPSACSALASGVLYG
AFSLQDLFPTIASGCSWTLENPDPTKYSLYLRFNRQEQVCAHFAPRLLPL
DHYLVNFTCLRPSPEEAVAQAEEVGRPEEEEEAAAAGLELCSGSGPFTF
LHFDKNFVQLCLSAEPSEAPRLLAPAALAFRFVEVLLINNNNNSQFTCGV
LCRWSEECGRAAGRACGFAQPGCSCPGEAGAGSTTTTSPGPPAAHTLSNA
LVPGGPAPPAEADLHSGSSNDLFTTEMRYGEEPEEPEPKVKTQWPRSADEP
GLYMAQTGDPAEEWSPWSVCSLTCGQGLQVTRSCVSSPYGTLCSGPLR
ETRPCNNSATCPVHGVWEEWGSWSLCSRSCGRGSRMRMTCVPPQHGGKA
CEGPELQTKLCSMAACPVEGQWLEWGPWGPCSTSCANGTQQRSRKCSVAG
PAWATCTGALTDTRECSNLECPATDSKWGPWNAWSLCSKTCDTGWQRRFR
MCQATGTQGYPCGTGEEVKPCSEKRCPAFHEMCRDEYVMLMTWKAAAG
EIIYNKCPPNASGSASRRCLLSAQGVAYWGLPSFARCISHEYRYLYLSLR
EHLAKGQRMMLAGEGMSQVVRSLQELLARITYYSGDLLFSVDILRNVTDTF
KRATYVPSADDVQRRFFQVVSFMDAENKEKWDDAQVSPGSVHLLRVVED
FIHLVGDAKAFQSSLIVTDNLVISIQREPVSASVSSDITFPMRGRGMKD
WVRHSEDRLFLPKEVLSLSPGKPATSGAAGSPGRGRGPGTVPPGPGHSH
QRLLPADPDESSYFVIGAVLYRTLGLILPPRPPLAVTSRVMTVTVRPPT
QPPAEPLITVELSYIINGTTDPHCASWDYSRADASSGDWDTENCQTLETQ
AAHTRCQCQHL

Product Description

Expression Systems

HEK293

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 250 µg/mL in PBS.

Endotoxin

<0.1 EU/µg by the LAL method

Purity

>85%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

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

ADGRB2

Full Name

Adhesion G protein-coupled receptor B2

Introduction

This gene encodes a seven-span transmembrane protein that is thought to be a member of the secretin receptor family. The encoded protein is a brain-specific inhibitor of angiogenesis. The mature peptide may be further cleaved into additional products. Alternative splicing results in multiple transcript variants.

Alternative Names

BAI2; brain-specific angiogenesis inhibitor 2; ADGRB2; Adhesion G protein-coupled receptor B2

Gene ID

[576](#)

UniProt ID

[O60241](#)