

## Product Information

### **MemDX™ Membrane Protein Human UNC5B (Unc-5 netrin receptor B) Expressed in CHO for Antibody Discovery, Partial (27-377aa)**

Cat. No.: **MPX0473K**

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

This product is a 66 kDa Human UNC5B membrane protein expressed in CHO. 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

UNC5B

##### Protein Length

Partial (27-377aa)

##### Protein Class

Receptor

##### Molecular Weight

66 kDa

##### TMD

1

##### Sequence

GTDSGSEVLPSFSPAPAEPLPYF  
LQEPQDAYIVKNKPVELRCRAFPATQIYFKCNGEWVSQNDHVTQEGLDEA  
TGLRVREVQIEVSRQQVEELFGLEDYWCQCVAWSSAGTTKSRRAYVRIAY  
LRKNFDQEPLGKEVPLDHEVLLQCRPPEGVPVAEVEWLKNEDVIDPTQDT  
NFLLTIDHNLIRQARLSDTANYTCVAKNIVAKRRSTTATVIVYVNGGWS  
SWAEWSPCSNRCGRGWQKRTRCTNPAPLNGGAFCEGQAFQKTACTIONP  
VDGAWTEWSKWSACSTECAHWRSRECMAPPPQNGGRDCSGTLLDSKNCTD  
GLCMQNKKTLSDPNSHLLEASGDAALY

#### Product Description

##### Activity

Yes

##### Expression Systems

CHO

**Tag**

hIgG1 Fc tag at the C-terminus

**Protein Format**

Soluble

**Form**

LYOPH

**Reconstitution**

Reconstitute at 400 µg/mL in PBS.

**Endotoxin**

<0.10 EU per 1 µg of the protein by the LAL method.

**Purity**

>95%, by SDS-PAGE with silver staining.

**Buffer**

Lyophilized from a 0.2 µm filtered solution in PBS.

**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**

UNC5B

**Full Name**

Unc-5 netrin receptor B

**Introduction**

This gene encodes a member of the netrin family of receptors. This particular protein mediates the repulsive effect of netrin-1 and is a vascular netrin receptor. This encoded protein is also in a group of proteins called dependence receptors (DpRs) which are involved in pro- and anti-apoptotic processes. Many DpRs are involved in embryogenesis and in cancer progression. Two alternatively spliced transcript variants have been described for this gene.

**Alternative Names**

UNC5B; UNC5H2; p53RDL1; netrin receptor UNC5B; p53-regulated receptor for death and life protein 1; protein unc-5 homolog 2; protein unc-5 homolog B; transmembrane receptor Unc5H2; unc-5 homolog 2; unc-5 homolog B; Unc-5 netrin receptor B

**Gene ID**

[219699](#)

**UniProt ID**

[Q8IZJ1](#)