

# Product Information

## MemDX™ Membrane Protein Human NXPE2 (Neurexophilin and PC-esterase domain family member 2)

Cat. No.: **MP0188J**

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

This product is a 64.7 kDa Human NXPE2 membrane protein expressed in HEK293T. 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

NXPE2

#### Protein Length

Full-length

#### Protein Class

Transmembrane

#### Molecular Weight

64.7 kDa

#### TMD

1

#### Sequence

MVEKILIRILTLFPNAIARKLLLMLTFILIFWIYLASKDHTKFSNLENHIIQNQGNIFKKYSHSETP  
LCPAVSPKETELRIKDIMEKLDQQIPPRPFTHVNTTSATHSTATILNPQDTYCRGDQLDILLEVARDHLG  
HRKQYGGDFLARMYSTALMAGASGKVDFNNGTYLVSFTLFWEGQVSLSSLILHPSEGVSALWRARNQG  
CDRIIFTGLFANRSSNVFTECGLTNTNAELCQYMDDRDQEAFCVRPQHMPCEALTHMTTRTRNISYLS  
KEEWRLFHRSNIGVEMMKNFPIEVIPCNCSENICKNCQIGMKTPFPGYTLKKMWITAFCKQIKFNETK  
NINDCLERKLIYLMGDSTLHQWIYLLQKAVKTLKYFDHHGAGIFKTHVLLDVERHILIQWKHHGHPFVTK  
KLFSVKDENYIPREIDQVAGDKNTAIVITLGQHFRPPINIFIRRRAINIQKAIERLFLRSPETKVILKTE  
NTREIEQNAEMFSDFHGYIQNLIIRDIFVDLNVIIDAWDMTIAYCTNNAHPPDYVIQNQIGMFLNYIC

### Product Description

#### Expression Systems

HEK293T

#### Tag

## C-Myc/DDK

### Form

Liquid

### Purification

Anti-DDK affinity column followed by conventional chromatography steps

### Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

### Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

### Storage

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

## Target

### Target Protein

NXPE2

### Full Name

Neurexophilin and PC-esterase domain family member 2

### Introduction

The NXPE2 gene is conserved in chimpanzee, cow, mouse, rat, and frog.

### Alternative Names

FAM55B; NXPE family member 2; family with sequence similarity 55, member B

### Gene ID

[120406](#)

### UniProt ID

[Q96DL1](#)