

Product Information

MemDX™ Membrane Protein Human XPR1 (Xenotropic and polytropic retrovirus receptor 1)

Full Length

Cat. No.: **MPC1030K**

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

This product is a 81.5 kDa Human XPR1 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

XPR1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

81.5 kDa

TMD

8

Sequence

MKFAEHL SAHITPEWRKQYIQYEAFKDMLYSAQDQAPSVEVTDEDTVKRY
FAKFEEKFFQTCEKELAKINTFYSEKLAEQRRFATLQNELQSSLDQKE
STGVTTLRQRRKPVFHL SHEERVQHRNIKDLKLAFFSEFYLSLILLQNYQN
LNFTGFRKILKKHKILETSRGADWRVAHVEVAPFYTCCKINQLISETEA
VVTNELEDGDRQKAMKRLRVPPLGAAQPAPAWTTFRVGLFCGIFVLNIT
LVLA AVFKLETDRSIWPLIRIYRGGFLLIEFLFLLGINTYGWRQAGVNHV
LIFELNPRSNLSHQHLFEIAGFLGILWCLSLACFFAPISVIPTYVYPLA
LYGFMVFFLINPTKTFYYKSRFWLLKLLFRVFTAPFHKVGFADFWLADQL
NSLSVILMDLEYMICFYSLELKWDESKGLLPNNSEESGICHKYTYGVR AI
VQCIPAWLRFIQCLRRYRDTKRAFPHLVNAGKYSTTFFMVTFAALYSTHK
ERGHSDTMVFFYLWIVFYIISSCYTLIWDLKMDWGLFDKNAGENTFLREE
IVYPQKAYYYCAIIEDVILRFAWTIQISITSTLLPHSGDIIATVFAPLE
VFRRFVWNFFRLENEHLNNCGEFRAVRDISVAPLNADDQTLLEQMMDQDD
GVRNRQKNRSWKYNQSSISLRRPRLASQSKARDTKVLIEDTDDEANT

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

XPR1

Full Name

Xenotropic and polytropic retrovirus receptor 1

Introduction

The protein encoded by this gene is a receptor for the xenotropic and polytropic classes of murine leukemia viruses. The encoded protein is involved in phosphate homeostasis by mediating phosphate export from the cell. Defects in this gene have been associated with idiopathic basal ganglia calcification-6.

Alternative Names

XPR1; X3; SYG1; IBGC6; SLC53A1; X-receptor; protein SYG1 homolog; solute carrier family 53 (phosphate exporter), member 1; xenotropic and polytropic murine leukemia virus receptor X3; XR; Xenotropic and polytropic retrovirus receptor 1

Gene ID

[9213](#)

UniProt ID

[Q9UBH6](#)