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# Product Information

## MemDX™ Membrane Protein Human LRP3 (LDL receptor related protein 3) for Antibody

### Discovery

Cat. No.: **MP0656X**

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

This product is a 109.3 kDa Human LRP3 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

LRP3

#### Protein Length

Full-length

#### Molecular Weight

109.3 kDa

#### TMD

1

#### Sequence

MEKRAAAGLEGAPGARAQLAVVCLVNIFLTGRLSSAVPALAACSGKLEQHTERRGVIYSPA WPLNYPPGTNCSWYIQGDRGDMIT

### 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**

LRP3

**Full Name**

LDL receptor related protein 3

**Introduction**

The LRP3 gene is conserved in chimpanzee, Rhesus monkey, cow, mouse, rat, chicken, zebrafish, and frog.

**Alternative Names**

105 kDa low-density lipoprotein receptor-related protein; CTD-2540B15.13; LRP-3; hLRp105

**Gene ID**

[4037](#)

**UniProt ID**

[O75074](#)