

# Product Information

## MemDX™ Membrane Protein Human ADORA3 (Adenosine A3 receptor) for Antibody

### Discovery

Cat. No.: **MP0020X**

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

This product is a 36.2 kDa Human ADORA3 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

ADORA3

#### Protein Length

Full-length

#### Molecular Weight

36.2 kDa

#### TMD

7

#### Sequence

MPNNSTALSLANVTYITMEIFIGLCAIVGNVLVICVVKLNPQLQTTTFYFIVSLALADIAVGVLVMPPLAIVVSLGITIHFYSCFLFMTCLLLIFT

### Product Description

#### Application

Antibody Production

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

NO

#### Protein Format

Liposome

#### Form

Liquid

**Purification**

None

**Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol

**Storage**

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

**Target****Target Protein**

ADORA3

**Full Name**

Adenosine A3 receptor

**Introduction**

This gene encodes a protein that belongs to the family of adenosine receptors, which are G-protein-coupled receptors that are involved in a variety of intracellular signaling pathways and physiological functions. The receptor encoded by this gene mediates a sustained cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. Alternative splicing results in multiple transcript variants. This gene shares its 5' terminal exon with some transcripts from overlapping GeneID:57413, which encodes an immunoglobulin domain-containing protein

**Alternative Names**

A3AR; AD026; bA552M11.5; OTTHUMP00000013476; OTTHUMP00000013739; OTTHUMP00000082917

**Gene ID**

[140](#)

**UniProt ID**

[P0DMS8](#)