

Product Information

MemDX™ Membrane Protein Human AGER (Advanced glycosylation end-product specific receptor) for Antibody Discovery

Cat. No.: **MP0025X**

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

This product is a 67.76 kDa Human AGER 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

AGER

Protein Length

Full-length

Molecular Weight

67.76 kDa

TMD

1

Sequence

AQNITARIGEPLVLKCKGAPKKPPQRLEWNLNLTGRTEAWKVLSPQGGGPWDSVARVLPNGSLFLPAVGIIQDEGIFRCQAMNRNGK

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

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**

AGER

Full Name

Advanced glycosylation end-product specific receptor

Introduction

The advanced glycosylation end product (AGE) receptor encoded by this gene is a member of the immunoglobulin superfamily of cell surface receptors. It is a multiligand receptor, and besides AGE, interacts with other molecules implicated in homeostasis, development, and inflammation, and certain diseases, such as diabetes and Alzheimer's disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-protein-coding variants, have been described for this gene (PMID:18089847)

Alternative Names

MGC22357; RAGE; OTTHUMP00000029155; OTTHUMP00000029156; advanced glycosylation end product-specific receptor RAGE3; advanced glycosylation end product-specific receptor variant sRAGE1; advanced glycosylation end product-specific receptor variant sRAGE2, receptor for advanced

Gene ID

[177](#)

UniProt ID

[Q15109](#)