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Product Information

MemDX™ Membrane Protein Human AGER (Advanced glycosylation end-product specific receptor) Expressed in NS0 for Antibody Discovery, Partial (24-344aa)

Cat. No.: **MPX0177K**
This product is for research use only and is not intended for diagnostic use.

This product is a 61 kDa Human AGER membrane protein expressed in NS0. 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
Partial (24-344aa)

Protein Class
Transporter

Molecular Weight
61 kDa

TMD
1

Sequence
QNITARIGEPLVLKCKGAPKKPPQRLE
WKLNTGRTEAWKVLSPQGGGPWDSVARVLPNGSLFLPAVGIQDEGIFRCQ
AMNRNGKETKSNYRVRVYQIPGKPEIVDSASELTAGVPNKVGTCVSEGSY
PAGTLSWHLDGKPLVPNEKGVSVKEQTRRHPETGLFTLQSELMVTPARGG
DPRPTFSCSFSPGLPRHRALRTAPIQPRVWEPVPLEEVQLVVEPEGGAVA
PGGTVTLTCEVPAQPSPQIHWMKDGVPLPLPPSPVLILPEIGPQDQGTYS
CVATHSSHGPQESRAVSISIIEPGEEGPTAGSVGGSGLGTLALA

Product Description

Expression Systems
NS0

Tag
hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 μg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 μg of the protein by the LAL method.

Purity

>90%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Lyophilized from a 0.2 μm filtered solution in PBS.

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

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.

Alternative Names

AGER; RAGE; sRAGE; SCARJ1; advanced glycosylation end product-specific receptor; receptor for advanced glycation end-products variant 20; Advanced glycosylation end-product specific receptor

Gene ID

177

UniProt ID

Q15109

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