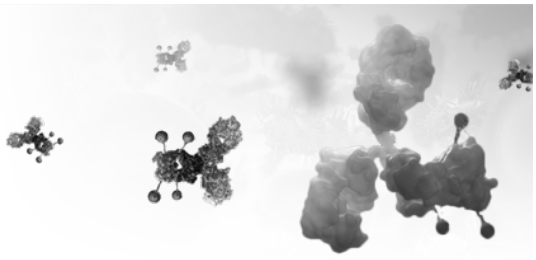

Human AGER peptide (DAG-P1109)

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

PRODUCT INFORMATION

Antigen Description	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 Alzheimers disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-protein-coding variants, have been described for this gene (PMID:18089847). [provided by RefSeq, May 2011]
Specificity	Endothelial cells.
Conjugate	Unconjugated
Sequence Similarities	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	AGER advanced glycosylation end product-specific receptor [Homo sapiens (human)]
Official Symbol	AGER
Synonyms	AGER; advanced glycosylation end product-specific receptor; RAGE; RAGE isoform sRAGE-delta; RAGE isoform NtRAGE-delta; receptor for advanced glycation end-products variant 20;

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Entrez Gene ID	177
mRNA Refseq	NM_001136.4
Protein Refseq	NP_001127.1
UniProt ID	B4DNX3
Chromosome Location	6p21.3
Pathway	AGE/RAGE pathway, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Cytosolic sensors of pathogen-associated DNA, organism-specific biosystem; DEx/H-box helicases activate type I IFN and inflammatory cytokines production, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MyD88 cascade initiated on plasma me
Function	S100 protein binding; identical protein binding; protein binding; receptor activity; transmembrane signaling receptor activity;

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