

Active Recombinant Canine AGER, His-tagged

Cat. No. AGER-424C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine AGER (Accession # ABA18645) Asp25-Val339, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Canine
Source	Mammalian Cells
ProteinLength	25-339 a.a.
Predicted N Terminal	Asp25
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to bind biotinylated advanced glycation endproducts of bovine serum albumin.
Molecular Mass	Recombinant Canine AGER, His-tagged has a calculated MW of 34.6 kDa. In SDS-PAGE migrates as 40-44 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	AGER advanced glycosylation end product-specific receptor [Canis lupus familiaris (dog)]
Official Symbol	AGER
Synonyms	AGER; advanced glycosylation end product-specific receptor; RAGE; advanced glycosylation end product-specific receptor; RAGE/AGER; advanced glycation end product receptor
Gene ID	403168
mRNA Refseq	NM_001048081
Protein Refseq	NP_001041546
MIM	
Chromosome Location	12

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