

Active Recombinant Mouse Ager Protein, Fc Chimera

Cat. No. Ager-958M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ager (Accession # O35444), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	No results obtained: Gln24 predicted
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.rmRAGE/Fc Chimera immobilized at 5 µg/mL (100 µL/well) on a goat anti-human IgG Fc antibody-coated plate (0.5 µg/well) can bind biotinylated advanced glycation endproducts of bovine serum albumin (AGE-BSA) with a linear range of 0.02 - 1 µg/mL.
Molecular Mass	Recombinant Mouse Ager, Fc Chimera has a calculated MW of 60.5 kDa (monomer). In SDS-PAGE migrates as 80-85 kDa, reducing conditions.
Purity	>95%, 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 [Mus musculus]
Official Symbol	Ager
Synonyms	AGER; advanced glycosylation end product-specific receptor; advanced glycation end-products receptor; receptor for advanced glycosylation end products; advanced glycosylation end product-specific receptor variant 1; advanced glycosylation end product-specific receptor variant 2; advanced glycosylation end product-specific receptor variant 3; advanced glycosylation end product-specific receptor variant 4; advanced glycosylation end product-specific receptor variant 5; advanced glycosylation end product-specific receptor variant 6; RAGE;
Gene ID	11596
mRNA Refseq	NM_007425
Protein Refseq	NP_031451
MIM	

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