Recombinant Mouse Ager protein(Met1-Ala342), His-tagged

Cat. No. Ager-3304M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse AGER (NP_031451.2) (Met 1-Ala 342) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-342 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind mouse HMGB1-Fc in functional ELISA.
Molecular Mass	The recombinant mouse AGER consists of 330 amino acids and has a predicted molecular mass of 35.3 kDa. In SDS-PAGE under reducing conditions, rm AGER migrates as an approximately 48 kDa band due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 96 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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