

Recombinant Human AGER protein

Cat. No. AGER-7323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGER protein(NP_001127.1) (Met1-Ala 344) was expressed in HEK293 with six amino acids (LEVLFQ) at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-344 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to compete with Biotinylated recombinant human AGER for binding to immobilized recombinant human Fc-S100B in a functional ELISA. 2. Measured by its ability to compete with Biotinylated recombinant human AGER for binding to immobilized recombinant mouse S100B-Fc in a functional ELISA. 3. Measured by its ability to compete with Biotinylated recombinant human AGER for binding to immobilized recombinant human S100A1-Fc in a functional ELISA. 4. Measured by its ability to compete with Biotinylated recombinant human AGER for binding to immobilized recombinant human APP-Fc in a functional ELISA.
Molecular Mass	The recombinant human AGER consists of 329 amino acids and predicts a molecular mass of 35 KDa. It migrates as an approximately 46-52 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

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Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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

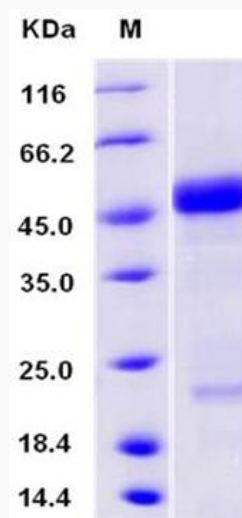
Gene Name	AGER advanced glycosylation end product-specific receptor [Homo sapiens]
Official Symbol	AGER
Synonyms	AGER; advanced glycosylation end product-specific receptor; RAGE; RAGE isoform sRAGE-delta; RAGE isoform NtRAGE-delta;
Gene ID	177
mRNA Refseq	NM_001136
Protein Refseq	NP_001127
MIM	600214
UniProt ID	Q15109

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SDS-PAGE



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