

Active Recombinant Human AGER protein, His-tagged, Low Endotoxin

Cat. No. AGER-7322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Low Endotoxin Active Recombinant Human AGER protein(Q15109-1)(Ala23- Ala344) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	23-344 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Human AGER, His Tag immobilized on CM5 Chip can bind Human HMGB1, His Tag with an affinity constant of 0.19 µM as determined in SPR assay.
Molecular Mass	The protein has a predicted MW of 35.3 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

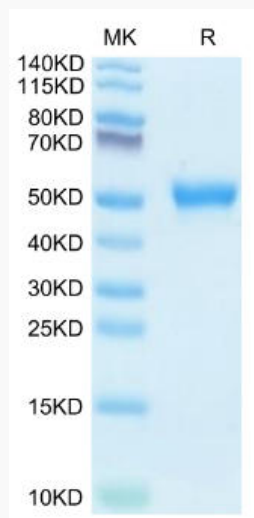
Gene Name	AGER advanced glycosylation end product-specific receptor [Homo sapiens]
Official Symbol	AGER
Synonyms	AGER; advanced glycosylation end product-specific receptor; RAGE; RAGE isoform sRAGE-delta; RAGE isoform NtRAGE-delta;
Gene ID	177
mRNA Refseq	NM_001136
Protein Refseq	NP_001127
MIM	600214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

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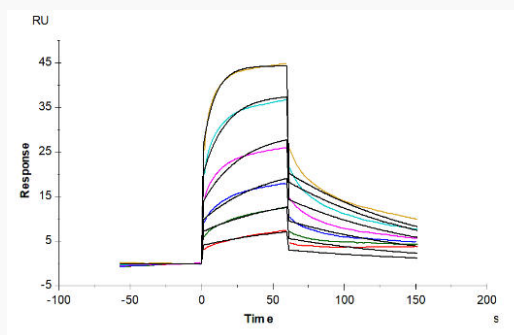
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Bis-Tris PAGE



SPR Data



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