

Recombinant Human AGER protein, His-tagged

Cat. No. AGER-3706H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGER protein(26-340 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-340 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	<p>ITARIGEPLVLKCKGAPKKPPQRLEWKLNTGRTEAWKVLSPQGGGPWDSVARVLPN GSLFLPAVGIQDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEIVDSASELTAGVP NKVGTCVSEGSYPAGTLSWHLDGKPLVPNEKGVSVKEQTRRHPEGLFTLQSELM VTPARGGDRPTFSCSFSPGLPRHRALRTAPIQPRVWEPVPLEEVQLVVEPEGGAV APGGTVTLTCEVPAQPSPQIHWMKDGVPLPLPPSPVLILPEIGPQDQGTYSVCVATHS SHGPQESRAVSISIIIEPGEEGPTAGSVGGGSLGT</p>
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw</p>

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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