

Recombinant Human AGER Protein (Aal23-Ser120), C-His tagged, Animal-free, Carrier-free

Cat. No. AGER-70H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGER Protein (Aal23-Ser120) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Aal23-Ser120
Description	Receptor for advanced glycation endproducts (RAGE) is a 35 kDa transmembrane receptor of the immunoglobulin super family. The mature RAGE has three main parts, consisting of extracellular, transmembrane, and cytosolic regions. A central mechanism by which ligand-RAGE interaction mediates cell stress and upregulates inflammatory pathways is via activation of signal transduction pathways.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 30.94 kDa. The protein migrates as 40 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.

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Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	AGER advanced glycosylation end product-specific receptor [Homo sapiens (human)]
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

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UniProt ID

Q15109

**SDS-PAGE analysis
of recombinant
human RAGE.**

kDa

75

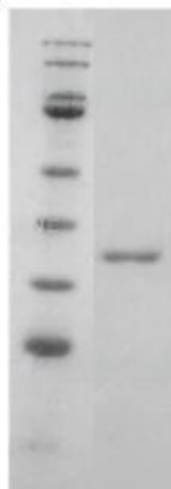
63

48

35

25

17

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