

Recombinant Human AGER Protein, GST-tagged

Cat. No. AGER-423H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human AGER full-length ORF (AAH20669.1, 23 a.a. - 404 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The advanced glycosylation end product (AGE) receptor encoded by this gene is a member of the immunoglobulin superfamily of cell surface receptors. It is a multiligand receptor, and besides AGE, interacts with other molecules implicated in homeostasis, development, and inflammation, and certain diseases, such as diabetes and Alzheimer's disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-protein-coding variants, have been described for this gene (PMID:18089847). [provided by RefSeq, May 2011]
Molecular Mass	67.76 kDa
AA Sequence	AQNITARIGEPLVLKCKGAPKKPPQRLEWNLNTGRTEAWKVLSPQGGGPWDSVAR VLPNGSLFLPAVGIQDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEIVDSASELT AGVPNKVGTVCVSEGSYPAGTLSWHLDGKPLVPNEKGVSVKEQTRRHPEGLFTLQ SELMVTPARGGDRPTFSCSFSPGLPRHRALRTAPIQPRVWEPVPLEEVQLVVEPE GGAVAPGGTVTLTCEVPAQPSPQIHWMKDGVPPLPLPSPVLILPEIGPQDQGTYSKV ATHSSHGPQESRAVSISIIPEGGPTAGSVGGSGGLTLALALGILGGLGTAALLIGVI LWQRRQRRGEERKAPENQEEEEERAELNQSEEPEAGESSTGGP

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

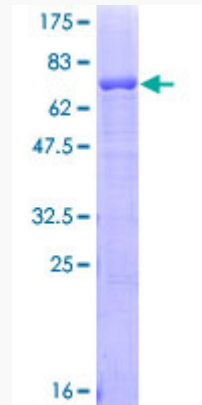
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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