

Recombinant Human RAGE protein, GST-tagged

Cat. No. RAGE-2163H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAGE (1-231aa) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-231aa
Form	1M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.0), 100 mM GSH and 1% Triton X-100, 15% glycerol.
Molecular Mass	53 kDa
AA Sequence	MKNYKAIGKIGEGTFSEVMKMQSLRDGNYYACKQMKQRFESIEQVNNLREIQALRR LNPHPNILMLHEVVFDRKS GSLALICELMDMNIYELIRGRRYPLSEKKIMHYMYQLCK SLDHIHRNGIFHRDVKPENILIKQDVLKLGDFGSCR SVYSKQPYTEYISTRWYRAPE CLLTDFGYTYKMDLWSAGCVFYEIASLQPLFPGVNELDQISKIHDVIGTPAQKI LTKF KQ
Stability	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

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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
Chromosome Location	6p21.3
Pathway	Activated TLR4 signalling, organism-specific biosystem; Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Cytosolic sensors of pathogen-associated DNA, organism-specific biosystem; DAI mediated induction of type I IFNs, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MyD88 cascade initiated on plasma membrane, organism-specific biosystem;
Function	S100 alpha binding; advanced glycation end-product receptor activity; protein binding; receptor activity; receptor activity; transmembrane signaling receptor activity;

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