

## Product datasheet for **TP725940**

### **RAGE (AGER) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human AUGER/RAGE (C-6His)
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	Ala23-Ala344
<b>Tag:</b>	C-His
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
<b>Note:</b>	Recombinant Human AGER is produced by our Mammalian expression system and the target gene encoding Ala23-Ala344 is expressed with a 6His tag at the C-terminus.
<b>Stability:</b>	12 months from date of despatch
<b>Locus ID:</b>	177
<b>UniProt ID:</b>	<a href="#">Q15109</a>
<b>Summary:</b>	Advanced Glycosylation End Product-Specific Receptor (AGER) belongs to the immunoglobulin superfamily of cell surface molecules. It lies within the major histocompatibility complex (MHC) class III region on chromosome 6. Besides AGEs, AGER is also able to bind other ligands which is thought to result in pro-inflammatory gene activation. It is known that AGER serve as a mediator of both acute and chronic vascular inflammation in certain conditions such as atherosclerosis and in particular as a complication of diabetes. Furthermore, it plays an important role in regulating the production/expression of TNF-alpha, oxidative stress, and endothelial dysfunction in type 2 diabetes.



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