
Recombinant Human AGER/RAGE Protein(C-6His)**Cat.NO.: TP05372**

3th Edition

Synonyms:Advanced Glycosylation End Product-Specific Receptor; Receptor for Advanced Glycosylation End Products; AGER; RAGE

Description: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.

Form:PBS

Molecular Weight:35.2 kDa

Sequences:Ala23-Ala344

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.