

Mouse AGER Protein



Cat. No. AER-MM101

Description	
Source	Recombinant Mouse AGER Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly23- Ala342.
Accession	Q62151-1
Molecular Weight	The protein has a predicted MW of 35 kDa. Due to glycosylation, the protein migrates to 45-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
The receptor for advanced glycation end products (AGER) is an oncogenic transmembranous receptor up-regulated in various human cancers. AGER promotes proliferation, migration, and inhibits apoptosis of squamous cervical cancer and might function as a tumor promoter in cervical cancer. Our study provides novel evidence for a potential role of AGER in bridging human papillomavirus (HPV)-induced inflammation and cervical cancer.	

Assay Data

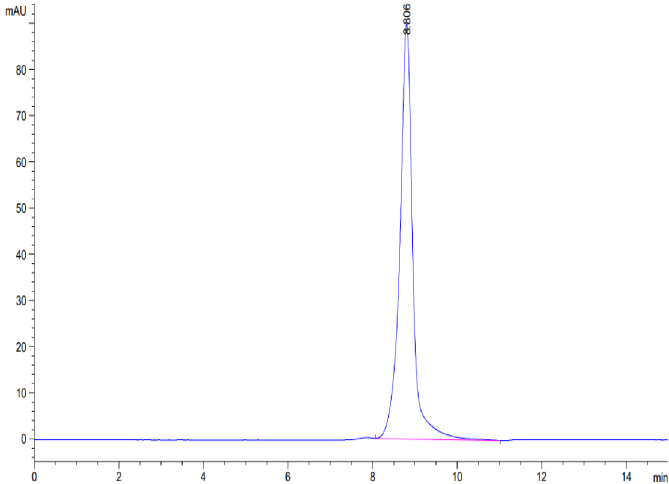
Bis-Tris PAGE



Mouse AGER on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Mouse AGER is greater than 95% as determined by SEC-HPLC.