

Cynomolgus AGER Protein

Cat. No. AER-CM101



Description

Source	Recombinant Cynomolgus AGER Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln24-Thr354.
Accession	A0A2K5TSM4
Molecular Weight	The protein has a predicted MW of 36.78 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

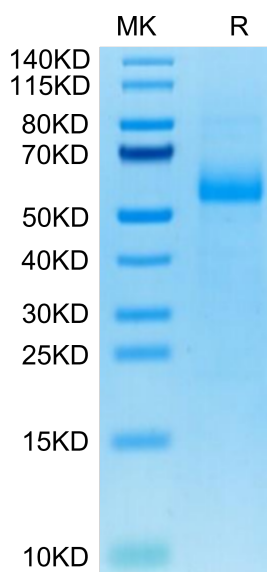
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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



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