

Datasheet for ABIN7490915
RAGE Protein (AA 27-340) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	RAGE (AGER)
Protein Characteristics:	AA 27-340
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAGE protein is labelled with His tag.

Product Details

Purpose:	Recombinant human RAGE protein with C-terminal 6xHis tag
Specificity:	RAGE (Thr27-Thr340) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	RAGE (AGER)
Alternative Name:	RAGE (AGER Products)
Background:	The advanced glycosylation end product (AGE) receptor encoded by this gene is a member of

Target Details

the immunoglobulin superfamily of cell surface receptors. It is a multiligand receptor, and besides AGE, interacts with other molecules implicated in homeostasis, development, and inflammation, and certain diseases, such as diabetes and Alzheimer's disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-protein-coding variants, have been described for this gene (PMID:18089847). [provided by RefSeq, May 2011]

Molecular Weight: predicted molecular mass of 34.2 kDa after removal of the signal peptide. The apparent molecular mass of RAGE-His is 35-55 kDa due to glycosylation.

UniProt: [Q15109](#)

Pathways: [Carbohydrate Homeostasis](#), [Toll-Like Receptors Cascades](#), [Smooth Muscle Cell Migration](#), [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

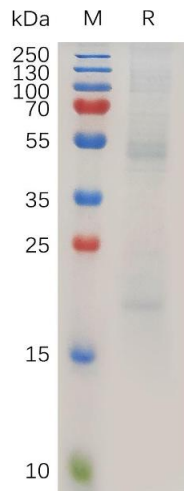
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human RAGE Protein, His Tag on SDS-PAGE under reducing condition.