

Datasheet for ABIN7607568

RAGE Protein (AA 24-344) (His-Fc tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	RAGE (AGER)
Protein Characteristics:	AA 24-344
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This RAGE protein is labelled with His-Fc tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human RAGE/AGER Protein, C-hFc-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized recombinant human HMGB1 at 2 µg/mL (100 µL/well) can bind recombinant human RAGE/AGER (Cat #: AHH01901) with a linear range of 15-50 ng/mL.

Target Details

Target:	RAGE (AGER)
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Target Details

Alternative Name:	Receptor for advanced glycosylation end products (AGER Products)
Background:	Receptor for advanced glycosylation end products, Advanced glycosylation end product-specific receptor, AGER, RAGE
UniProt:	Q15109
Pathways:	Carbohydrate Homeostasis , Toll-Like Receptors Cascades , Smooth Muscle Cell Migration , S100 Proteins

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months