

Datasheet for ABIN7607409

Granulin Protein (GRN) (AA 18-593) (His-Fc tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Granulin (GRN)
Protein Characteristics:	AA 18-593
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Granulin protein is labelled with His-Fc tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human GP88/GRN 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 ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons. Recombinant human GP88/GRN (Cat #: AHD80301), immobilized at 10-40 µg/mL on a nitrocellulose coated plate, is able to significantly enhance neurite outgrowth.

Target Details

Target:	Granulin (GRN)
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Target Details

Alternative Name:	PC cell-derived growth factor (GRN Products)
Background:	PC cell-derived growth factor, Granulin G, Epithelin precursor, Epithelin-1, Granulin A, Acrogranin, Progranulin, Granulin F, Proepithelin, PGRN, Glycoprotein of 88 Kda, GRN, Granulin C, Granulin E, Granulin precursor, PEPI, PCDGF, Granulin D, Glycoprotein 88, Epithelin-2, GP88, Granulin B
UniProt:	P28799

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